

AD-ARM-372  
ISN-15.912

4940223 Library

# REPUBLIK INDONESIA

DEPARTEMEN PEKERJAAN UMUM  
DIREKTORAT JENDERAL BINA MARGA



## JAGORAWI HIGHWAY STAGE II

---

MONTHLY REPORT  
SUPERVISION

---

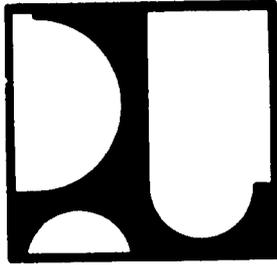
OCTOBER 1982

ARMANN & WHITNEY - TRANS ASIA ENGINEERING ASSOCIATES INC  
A JOINT VENTURE

CONSULTING ENGINEERING

# **REPUBLIK INDONESIA**

**DEPARTEMEN PEKERJAAN UMUM  
DIREKTORAT JENDERAL BINA MARGA**



## **JAGORAWI HIGHWAY STAGE II**

---

**MONTHLY REPORT  
SUPERVISION**

---

**OCTOBER 1982**

**AMMANN & WHITNEY - TRANS ASIA ENGINEERING ASSOCIATES INC.  
A JOINT VENTURE**

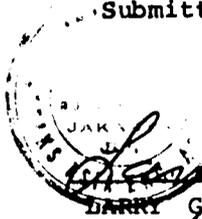
**CONSULTING ENGINEERING**

REPORT NO. 102

October 1982

JAGORAWI HIGHWAY PROJECT  
CONSULTING SUPERVISION SERVICES

Submitted by :

  
*Barry G. Buntten*  
BARRY G. BUNTEN  
Engineer in Charge



RECEIVED  
PT. BINA MEGA  
NAME: Barry G. Buntten  
DATE: 16 OCT 1982

Prepared by :

AMMANN & WHITNEY/TRANS-ASIA  
ENGINEERING ASSOCIATES, INC.,  
A Joint Venture

P.O. Box 44 Bogor,  
Indonesia

JAGORAWI HIGHWAY  
STAGE II  
SITE MAP  
SCALE 1:50.000

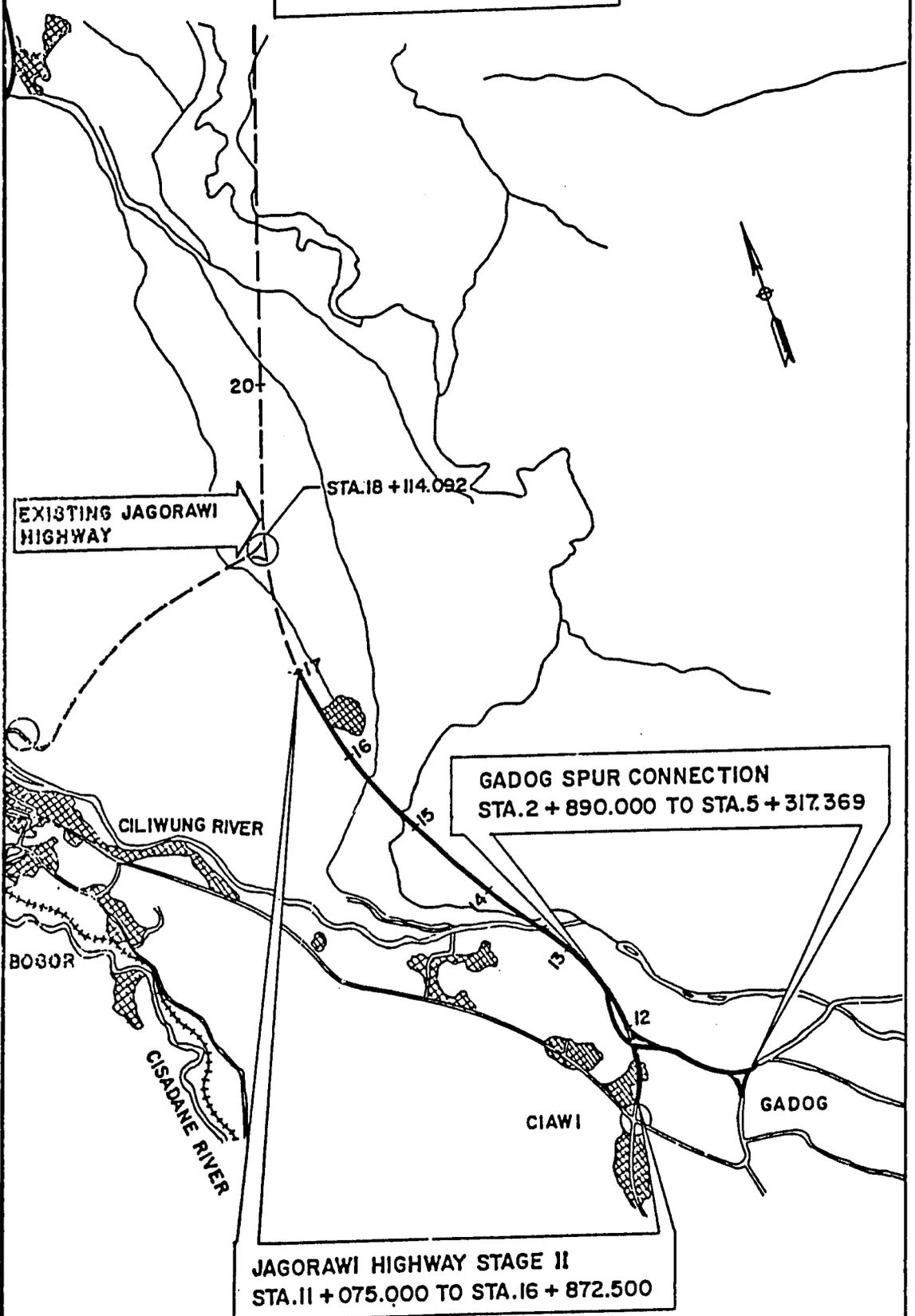


TABLE OF CONTENTS

<u>SECTION</u>	<u>PAGE</u>
I. .... <u>NARRATIVE SUMMARY</u> .....	1
1. .... STAGE II CONSTRUCTION .....	1
2. .... MAINTENANCE .....	1
II. .... <u>PROBLEM AREAS</u> .....	2
III. .... <u>ADMINISTRATION</u> .....	3
1. .... SUBMISSIONS/APPROVALS .....	3
2. .... DECISIONS .....	3
3. .... MAJOR CONFERENCES .....	3
4. .... OFFICIAL VISITORS .....	4
5. .... FINANCIAL OVERRUNS/UNDERRUNS .....	4
IV. .... <u>ENGINEERING PROGRESS</u> .....	6
1. .... LABORATORY & QUALITY CONTROL .....	6
2. .... BRIDGES .....	6
3. .... OFFICE ENGINEERING AND SURVEYS .....	6
V. .... <u>PROGRESS</u> .....	7
1. .... PROGRESS .....	7
2. .... RAINFALL .....	7
3. .... PROGRESS VS SCHEDULE .....	7
4. .... COMMENTS .....	7
VI. .... <u>CONTRACTOR</u> .....	8
1. .... CONSTRUCTION ACTIVITIES .....	8
2. .... EQUIPMENT .....	8
3. .... PERSONNEL .....	9
VII. .... <u>MAINTENANCE</u> .....	10
VIII. .... <u>PERSONNEL</u> .....	11
1. .... ENGINEER .....	11
2. .... INDONESIAN STAFF .....	12
IX. .... <u>CONSTRUCTION PHOTOS</u>	
X. .... <u>APPENDIX</u>	
1. .... INCOMING CORRESPONDENCE.	
2. .... OUTGOING CORRESPONDENCE.	
3. .... LISTING OF CONTRACT CHANGE ORDERS.	
4. .... STATUS OF FUNDS.	
5. .... CONSTRUCTION PROGRESS.	

## SECTION I .... NARRATIVE SUMMARY

### I. 1. .... STAGE II CONSTRUCTION

There was no measurable progress during the month. Progress stands at 12.96 percent complete vs 89.55 percent scheduled with the Contractor 15 months behind schedule.

Rental backhoes and rental pile driver were removed from the project by the rental company. The Bina Marga-owned loader was damaged in a fatal accident involving a local Kampung resident.

Jasa Marga has advised that Project funding is now available. However, payment of Contractor invoices is pending renewal of the Contractor's bank guarantees.

The Contractor has informally advised of the appointment of new top ICCI managers and promised increased Government support of ICCI's Domestic Operations.

The Engineer and Contractor made a joint physical inventory of work completed and project facilities.

Mr. Van Melsem, Senior Bridge Engineer will complete his duty assignment on November 20, 1982.

Bina Marga/Jasa Marga are advised that the Joint Venture's supervision contract and the US/AID Dollar letter of credit both expire on December 31, 1982.

### I. 2. .... MAINTENANCE

Pre-mixed emulsion for the fog seal program arrived late in the month. Jasa Marga anticipated that fog seal work will get under way early in November.

SECTION II .... PROBLEM AREAS

II. The Contractor has informally advised that Ir. Ruslan Diwiryo has been appointed President of ICCI and that Ir. Koko Widayatmoko MSc has been appointed Vice President in charge of Domestic Operations.

The Contractor also advised that increased Government support (financial and equipment) has been promised.

Project funding is now available; however, because the Contractor has allowed bank guarantees and the performance guaranty to expire, payment of invoices is being withheld until the guaranties have been renewed.

Two years after starting work, the Contractor has not prepared an equipment mobilization schedule, neither, apparently, does the Contractor know where the equipment and plants will come from for this Project. Without adequate equipment, we see little hope for the Contractor to complete the Project.

## SECTION III .... ADMINISTRATION

### III. 1. .... SUBMITTALS/APPROVALS

The Engineer's Rupiah Invoice No. 104 for September was submitted and a full advance was provided by Bina Marga. The Engineer's Dollar Invoice No. 92 for September was submitted and has been approved by Bina Marga.

The Contractor submitted invoice No. 12 for October. The invoice shows a net deduction of (-)Rp 1,599,013 so no action was taken to process this invoice.

The Engineer submitted drafts of Engineer Contract Amendments No. 12 and No. 13 to Bina Marga for review. Amendment No. 12 covers change in administration of the Engineer's contract from Bina Marga to Jasa Marga. Amendment No. 13 covers bridge redesign.

The Engineer received notification from US/AID Jakarta that AID has approved of the cost saving design revisions proposed in the Engineer's report to Jasa Marga/Bina Marga.

Bina Marga approved an Engineer Sponsor visit to the Project for Mr. Gross, Vice President of Ammann & Whitney.

### III. 2. .... DECISIONS

The Contractor has decided that the Project will not be assigned or subcontracted to others. Instead, ICCI intends to complete the work themselves.

### III. 3. .... MAJOR CONFERENCES

A meeting including representatives of Jasa Marga, Bina Marga, ICCI and the Engineer was held on October 4th. The meeting was chaired by Mr. Budiharto and discussions were in Bahasa Indonesia.

Jasa Marga advised that Project funding would soon be available and asked the Contractor to renew bank guaranties

SECTION III .... ADMINISTRATION

III. 3. .... MAJOR CONFERENCES

and performance guaranties. Jasa Marga confirmed that claims for interest would not be accepted after guaranties had lapsed.

A request by the Contractor to renegotiate bid prices was not accepted by Jasa Marga.

The Contractor was asked to prepare a revised progress schedule and indicate changes in his project organization that would ensure completion of the Project.

The Engineer and Contractor were asked to make a physical inventory of work and facilities completed to date.

III. 4. .... OFFICIAL VISITORS

There were no official visitors this month.

III. 5. .... FINANCIAL OVERRUNS/UNDERRUNS

Following is a summary of invoicing by the Contractor vs payments provided by Bina Marga.

<u>Invoice No.</u>	<u>Period</u>	<u>Amount of Invoice</u>	<u>Amount Paid by Bina Marga</u>	<u>Reported by Contractor</u>
1	Advance 1981	1,207,500,000	800,000,000	0
2	Thru June	89,119,176	89,119,176	216,283,000
3	July	90,792,037	0	69,510,000
4	August	3,400,241	3,400,241	16,511,000
5	September	71,894,473	0	49,430,000
6	October	291,967,260	0	243,154,065
7	November	168,368,956	0	213,205,701
8	December	7,361,561	0	56,688,719
9	January 1982	18,217,765	0	34,732,653
-	February	0	0	0
-	March	0	0	0
-	April	0	0	0
-	May	0	0	0
-	June	0	0	0
10	February thru July 1982	33,686,288	0	51,750,962
11	August and September	43,977,985	0	42,614,502
12	October	0	0	0
		<u>2,026,285,748</u>	<u>892,519,417</u>	<u>1,020,776,100</u>

SECTION III .... ADMINISTRATION

III. 5. .... FINANCIAL OVERRUNS/UNDERRUNS (Cont'd)

The Dollar letter of credit for the Engineer's Contract expires December 31, 1982.

## SECTION IV .... ENGINEERING PROGRESS

### IV. 1. .... LABORATORY & QUALITY CONTROL

14 concrete cylinders were tested for compressive strength at 28 days. Average result was 251 kg/cm<sup>2</sup>. One concrete sand grading was performed. Results were satisfactory.

### IV. 2. .... BRIDGES

Because the Contractor is having difficulty in excavating boulders at pier 3 of Bridge Station 13+587, the Engineer authorized additional explanatory borings at this pier and at pier No. 4 of this Bridge.

### IV. 3. .... OFFICE ENGINEERING & SURVEYS

At the request of Jasa Marga, a physical inventory of equipment, materials on hand, and project facilities was made by the Engineer/Contractor. It has been determined that about 23 tons of bar reinforcing steel and all of the plastic cones can not be accounted for and will have to be deducted from the Contractor's next progress invoice. In addition, one wooden shelter erected by the Contractor has been completely removed by vandals. Some of the Contractor's canvas had been stored wet and was badly damaged by rot. At the request of the Engineer, reinforcing steel that had previously been stored in the damp, was moved into the Contractor's warehouse.

Contract Amendment No. 1 authorizing contract change orders approved to date was prepared by the Engineer and submitted to the Contractor for signature.

SECTION V .... PROGRESS

V. 1. .... PROGRESS

There was no measurable progress during the month.

V. 2. .... RAINFALL

Late afternoon rain storms occurred frequently signalling start of the rainy season. Rainfall was for below average for October.

RAINFALL DURING OCTOBER

	<u>October</u>	<u>Ave. for Project Location</u>
-- No. rain days	17	15.4
-- Max. rain in 24 hours	10.8 mm	-
-- Total rainfall during the month	86.0 mm	335.7 mm
-- Lost working days due to rain	0	-
-- Accumulative lost working days	145	

V. 3. .... PROGRESS VS SCHEDULE

Progress stands at 12.96 percent complete vs 89.55 percent scheduled. Scheduled progress for October was 6.19 percent, so the slippage was  $6.91 - 0.00 = 6.91$  percent. The Contractor is about 15 months behind schedule.

V. 4. .... COMMENTS

The Contractor has prepared a draft revised progress schedule. The schedule shows completion at the end of October 1984. The Engineer has asked the Contractor to supplement the progress schedule with the following schedules :

- 1) Equipment mob/demob
- 2) Manpower mob/demob
- 3) Materials, fuel & spare parts delivery
- 4) Calculated cash flow

The Contractor has prepared items 2 and 3 above, but can not prepare the equipment mobilization/demobilization schedule because two years after starting work, the source of the equipment has still not been determined.

SECTION VI . . . . CONTRACTOR

VI. 1. . . . CONSTRUCTION ACTIVITIES

The rental backhoe and pile hammer were removed by equipment rental company early in the month. The Contractor rented another small backhoe, but the rental company declined to use the backhoe to excavate boulders at Bridge Station 13+587. This second backhoe was also removed by the rental company.

The Contractor continued backfilling pier No. 1 at Bridge Station 13+587.

A construction accident occurred on October 19th. The Bina Marga-owned loader over turned on the haul road near Station 12+300 and landed on a passing Kampung resident resulting in his death.

VI. 2. . . . EQUIPMENT

Following is a status of equipment mobilized.

APPROVED EQUIPMENT LIST					EQUIPMENT MOBILIZED THRU OCTOBER 1982		
No.	Description	Qt'y	Capacity	Brand Name/Type	Qt'y	Name	Remarks
1	Bull dozer	1	320 HP	Komatsu D-155	1	Komatsu D-155	Bina Marga
2	Bull dozer	2	220 HP	Komatsu D-85	2	Cat-D7G	Bira Marga
3	Bull dozer	3	140 HP	Komatsu D-65	-	---	---
4	Track Loader	2	1.6 cu.m	Komatsu D-75-S	-	---	---
5	Motor Grader	3	---	Komatsu GD-600-R	3	Komatsu GD-600-R	Bina Marga
6	Wheel Loader	6	1.6 cu.m	Flat Allis	2	Flat Allis 605-B	Bina Marga
7	Dump Truck	50	5 ton	Isuzu TX-40	22	Isuzu TX-40	Bina Marga
8	Dump Truck	-	---	---	2	Isuzu TLD-54 (3 ton)	Bina Marga
9	Sheep Foot Roller	2	17 ton	Caterpillar 815	-	---	---
10	Vibratory Roller	2	9 ton	SP-42, SP-54 (Rex)	1	Cat 25-PD	PT ICCI
11	Tandem Roller	3	12 ton	S a k a i	-	---	---
12	Rubber Tired Roller	2	8-12 ton	Sakai/Tanaka	-	---	---
13	Water Tank Truck	3	4,000 liter	Hino, Toyota	-	---	---
14	T r a i l e r	2	30 ton	I s u z u	-	---	---
15	Back Hoe	2	0.6 cu.m	Intern. Jumbo/Pool	1	HHI-IS-190 (0.7 cu.m) Sumitomo LS-2800 BS (0.8 cu.m)	Petter & John (ret'd Oct. 7th) David Saputra (arr'd Oct.14th and ret'd Oct. 23rd)
16	Back Hoe	1	1.6 cu.m.	Intern. Jumbo/Pool	-	---	---
17	Farm Tractor	2	---	K o m a t s u	-	---	---
18	Crusher & Screening Plant	1	100 ton/hr	K o b e	-	---	Hutama Karya plant erected. Agree- ment to subcontract. Pending.

APPROVED EQUIPMENT LIST					EQUIPMENT MOBILIZED THRU OCTOBER 1982		
No.	Description	QT'Y	CAPACITY	Brand Name/Type	QT'Y	N A M E	R E M A R K S
19.	Crusher & screening Plant	2	30 ton/hr	Kang Won	2	Kang Won	Bina Marga (incl. Gen Sets)
20.	Sand Washer	2	—	S a k a i	-	—	—
21.	Water Pump	10	ø 4"	Yanmar	9	3 ea Tsurumi ø 4" KTV-37L 1 ea Alcon ø 2" 1 ea Kawamoto ø 3" 4 ea Yanmar TS-80 ø 4"	PT ICCI PT ICCI PT ICCI PT ICCI
22.	Generator, Set	2	90 KVA	Mercedesz	-	—	—
23.	Generator, Set	1	50 KVA	Mercedesz	1	Perkins	PT ICCI
24.	Generator, Set	3	10 KVA	K u b o t a	3	2 ea Yanmar, 7.5 KVA 1 ea Stamford 3152 (25 KVA)	PT ICCI PT ICCI
25.	Asphalt Mixing Plant	1	90 ton/hr	S i m e s s e	-	—	—
26.	Asphalt Finisher	2	60-100 ton/hr	Allat C-300	-	—	—
27.	Asphalt Hand Sprayer	2	600 liter	L o c a l	-	—	—
28.	Asphalt Distributor	1	4,000 liter	Marini	-	—	—
29.	Pavement breaker	6	2 <sup>3</sup> / <sub>64</sub> liter	BR-20-Ingersoll Rand	3	THB-60	— ICCI (1 ea borrowed by ICCI's High Rise Project on April 30th). — 2 ea borrowed by Bina Marga (returned October 7th).
30.	Pavement Saw	1	80 m/sec	W a c k e r	-	—	—

## APPROVED EQUIPMENT LIST

## EQUIPMENT MOBILIZED THRU OCTOBER 1982

No.	Description	QT'Y	CAPACITY	Brand Name/Type	QT'Y	N A M E	R E M A R K S
31.	Road Marking Machine	1	—	M a r i n i	-	—	—
32.	Aggregate Drier	2	45 ton	Sakai/Tanaka	-	—	—
33.	Power Broom	1	20 HP	Mitsubishi	-	—	—
34.	Chips Spreader	1	—	E t n i r e	-	—	—
35.	Compressor	2	600 cfm	Broomwade	1	Broomwade-Stamford STV-25, 250 cfm	PT ICCI (Borrowed by Bina Marga Sept. 22nd and returned to ICCI October 7th)
36.	Mechanical Hand Stamper	10	—	TV-808	2	Mikasa MIR-120	PT ICCI
37.	Spreader Box	1	—	Etnire	-	—	—
38.	Aggregate Cold Bins	4	5 cu.m.	L o c a l	-	—	—
39.	Forklift	1	3.5 ton	Komatsu	1	TCM-VD-30	PT ICCI (borrowed by ICCI's High Rise Project on February 20, 1982)
40.	Truck Crane	2	40 ton	P & H Linkbelt	-	—	—
41.	Crawler Crane	2	75 ton	P & H 550	3	2 ea P & H 550 (50 ton)  1 ea LS-78 J (20 ton)	Bina Marga  Bina Marga
42.	Tire Crane	2	10 ton	H a l l a	-	—	—
43.	Diesel Hammer	2	7 ton/80 HP	—	1	Mitsubishi M-14S	PT Bolung (returned Sept. 29th)
44.	Pile Hammer	1	1200-1500 mkg	P & H Linkbelt	-	—	—
45.	Pile Hammer	1	3000-3500 mkg	P & H Linkbelt	1	Mitsubishi M-14S	PT Bolung (returned Sept. 29th)

## APPROVED EQUIPMENT LIST

## EQUIPMENT MOBILIZED THRU OCTOBER 1982

No.	Description	QT'Y	CAPACITY	Brand Name/Type	QT'Y	N A M E	R E M A R K S
46.	Batching Plant	1	35 cu.m./hr	Lambert	1	Lambert 20 cu.m./hour	Hutama Karya
47.	Concrete Transit Mixer	4	5 cu.m.	Isuzu	2	Hino 5 cu.m.	Hutama Karya
48	Concrete Mixer	1	750 liter	Winget	3	1 ea Golden Star, 3/4 cu.m.	PT ICCI
						1 ea Hercules, 0.3 cu.m.	PT ICCI
						1 ea Golden Star, 0.45 cu.m.	PT ICCI
49.	Concrete Bucket	2	500 liter	—	4	Concrete Bucket, 1.2 cu.m.	Hutama Karya
50.	Concrete Buggies	10	50 liter	—	-	—	—
51.	Concrete Internal Vibrator	14	Ø 3"	M i k a s a	2	M i k a s a	PT ICCI
52.	Concrete Internal Vibrator	12	Ø 1½"	M i k a s a	4	M i k a s a	2 ea PT ICCI 2 ea ICCI's High Rise Project
53.	J e e p	7	—	Daihatsu Taft	4	Daihatsu Taft	PT ICCI (3 ea used by ICCI's Head Office, Jakarta).
54.	Pick Up	1	—	Chevrolet Luv	1	Chevrolet Luv	PT ICCI
55.	Mini Bus	1	—	Toyota Hi Ace	1	Toyota Hi Ace	PT ICCI
56.	S e d a n	1	—	Toyota Corolla	-	—	—
57.	Motor Cycle	11	—	Honda CB-100	3	Honda CB-100 KS	PT ICCI

61

APPROVED EQUIPMENT LIST					EQUIPMENT MOBILIZED THRU OCTOBER 1982		
No.	Description	QT'Y	CAPACITY	Brand Name/Type	QT'Y	N A M E	R E M A R K S
58.	W i n c h <u>SURVEY EQUIPMENT</u>	1	2 Ton	Ingersoll-Rand K5UL	-	—	—
59.	Level plus Supplement Equipment	3	—	N i k k o n	2	N i k k o n	PT ICCI
60.	Transit plus Supplement Equipment <u>PRECASTING EQUIPMENT</u>	2	—	Nikkon & Wild	2	W i l d	PT ICCI
61.	RCP Form Ø 60 cm	10	—	L o c a l	10	L o c a l	PT ICCI
62.	RCP Form Ø 80 cm	5	—	L o c a l	5	L o c a l	PT ICCI
63.	RCP Form Ø 120 cm	1	—	L o c a l	1	L o c a l	PT ICCI
64.	Extern. Concrete Vibrator	4	—	Wacker Arem 055	9	3 ea Mikasa 1.5 HP 6 ea Wacker 6.9 KVA	PT ICCI PT ICCI
65.	PCP Form Ø 20 cm	50	—	L o c a l	51	Made in Bogor	PT ICCI
66.	Truck Crane	1	3 ton	Tadano	-	—	—
67.	Prestress Unit Equip- ment	1	200 ton	—	-	—	—
68.	Generator, Set	1	300 KVA	Mercedesz	-	—	—

## APPROVED EQUIPMENT LIST

## EQUIPMENT MOBILIZED THRU OCTOBER 1982

No.	Description	QT'Y	CAPACITY	Brand Name/Type	QT'Y	N A M E	R E M A R K S
	<u>WORKSHOP ACCESSORIES</u>						
69.	Welding Machine		250-400A	Lincoln	2	1 ea Miller 1 ea Denyo	PT ICCI PT ICCI (Borrowed by Bina Marga Oct. 13th and returned to ICCI Oct. 22nd)
70.	G r i n d e r	2	---	Black & Decker	4	M i t s u b i s h i	PT ICCI
71.	D r i l l	1	---	Black & Decker	1	H i t a c h i	PT ICCI
72.	Bar Cutter	1	---	Black & Decker	2	1 ea K u b o t a 1 ea G e r m a n	PT ICCI PT ICCI
73.	J a c k	2	25 ton	Black & Decker	2	1 ea 2-ton Black & Decker 1 ea 5-ton Black & Decker	PT ICCI PT ICCI
74.	Fuel Tank	2	10,000 ton	L o c a l	3	1 ea Local ( 8,000 lt) 2 ea Local (10,000 lt)	PT ICCI PT ICCI
75.	C o m p r e s s o r	1	200 cfm	H o n d a	-	---	---
76.	Generator, Set	1	150 KVA	Mercedesz	-	---	---
77.	Service Car	2	---	Mitsubishi	-	---	---
78.	T o r c h	2	---	---	1	P e n g u i n	PT ICCI
79.	---	-	---	---	10	Philips Hallogen Lights	PT ICCI
80.	Batching Plant	-	---	---	2	Viking DEW 14 (700 kg)	PT ICCI
81	Welding Transformer	-	---	---	1	Bergin, 300 Amp.	PT ICCI (borrowed by ICCI's High Rise Pro- ject on April 30th).

SECTION VI .... CONTRACTOR

VI. 3. .... PERSONNEL

Following is the status of Contractor personnel for October.

MONTHLY HENCKELL REPORT

OCTOBER 1982.

NO	POSITION	MANAGER LEVEL	TECHNICAL STAFF						ADMINISTRATION & COST ACCOUNTING					TOTAL
			CIVIL	MECHANIC	ELECTRIC	OPERATOR	DRIVER	LABOR	BOOK KEEPER	ASS ADM	TYPIST	OFF DRIVER	HELPER	
I.	PROJECT MANAGER :	1	1	-	-	-	-	-	-	-	-	1	-	3
II.	OFFICE MANAGER :													
	2.1. Office Engineer	-	-	-	-	-	-	-	-	-	-	-	-	-
	2.2. Design & Planning Engineer	1	3	-	-	-	-	-	-	-	-	1	5	10
	2.3. Cost Engineer	1	1	-	-	-	-	-	-	-	-	-	-	2
	2.4. Contract Adm	-	-	-	-	-	-	-	-	-	-	-	-	-
	2.5. Surveying & Progress report	1	-	-	-	-	-	4	-	1	-	-	-	6
III.	FIELD ENGINEER :													
	3.1. General Supt	1	2	-	-	-	-	-	-	-	-	-	-	3
	3.2. Superintendent for Bridge Const	1	7	5	1	4	-	2	-	3	-	-	5	28
	3.3. Superintendent for Road Const	-	-	-	-	-	-	-	-	-	-	-	-	-
	3.4. Superintendent for Train Const	-	-	-	-	-	-	-	-	-	-	-	-	-
	3.5. Superintendent for Equipment	2	1	2	-	-	-	-	-	-	-	-	2	7
Sub total .....		3	15	7	1	4	-	6	-	4	-	2	12	59

REMARK :  
SAY :

APPROVED BY :

CHECKED BY :

PREPARED BY :

IR. HUSCUD SUHARTO  
PROJECT MANAGER ROAD

DPS. JULIUS  
CHIEF ADMINISTRATION.

DAMEANG SINGGIH  
GENERAL AFFAIRS

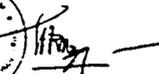
Sjo.-

MONTHLY PERSONNEL REPORT

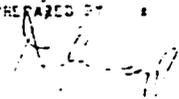
OCTOBER 1982.

NO	POSITION	MANAGER LEVEL	TECHNICAL STAFF						ADMINISTRATION & COST ACCOUNTING					TOTAL
			CIVIL	MECHANIC	ELECTRIC	OPERATOR	DRIVER	LABOR	BOOK KEEP	ASS ADM	TYPIST	OFF DRIVER	HELPER	
	Sub total .....	8	15	7	1	4	-	6	-	4	-	2	12	59
IV.	<u>PROCUREMENT &amp; LOGISTICS</u>													
	4.1. Procurement & Supply Manager	-	-	-	-	-	-	-	-	-	-	-	-	-
	4.2. Procurement & Purchasing	-	-	-	-	-	-	-	-	-	-	-	-	-
	4.3. Storage & Supply	-	3	-	-	-	-	-	1	-	-	-	-	4
	4.4. Transportation	-	-	-	-	-	-	-	-	-	-	-	-	-
V.	<u>ADMINISTRATION</u>													
	5.1. Manager Of Adm	1	-	-	-	-	-	-	-	-	-	-	-	1
	5.2. General Affairs	-	1	-	-	-	-	-	1	1	1	-	9	13
	5.3. Cost Accounting	-	1	-	-	-	-	-	1	-	-	-	-	2
VI.	<u>OTHERS</u>													
	6.1. Labor Supplier	-	-	-	-	-	18	-	-	-	-	-	-	19
	6.2. On the job Training	-	-	1	-	6	1	-	-	-	-	-	-	8
	6.3. Operster From P.U. (PUSKINAL)	-	-	-	-	1	-	-	-	-	-	-	-	1
	<b>Total</b>	<b>9</b>	<b>21</b>	<b>8</b>	<b>1</b>	<b>11</b>	<b>1</b>	<b>24</b>	<b>1</b>	<b>6</b>	<b>1</b>	<b>3</b>	<b>21</b>	<b>107.</b>

REMARK :  
S A Y : ONE HUNDRED AND SEVEN.

APPROVED BY :  
  
MR. SUSDJO SUNARIO  
PROJECT MANAGER ROAD

CHECKED BY :  
  
DRS. JULIUS  
CHIEF ADMINISTRATION.

PREPARED BY :  
  
BARRANG SINGGIN  
GENERAL AFFAIRS

Best Available Document

22

SECTION VII .... MAINTENANCE

VII. The pre-mixed emulsion for the fog seal program was delivered on October 27th. Jasa Marga plans to begin fog seal work early in November.

SECTION VIII .... PERSONNEL

VIII. 1. .... ENGINEER

EXPATRIATE MANMONTH STATUS

(Through Statement No. 93)

Mr. Louis Van Melsem returned from his temporary assignment in Palembang and resumed his duties on October 16, 1982. Mr. Van Melsem will complete his duty assignment on Jagorawi on November 20, 1982.

<u>Position</u>	(1) <u>M-M Thru Oct. '82</u>	(2) <u>M-M Approved by Contract</u>	(3) <u>M-M per Amnd. 10</u>	(4) <u>Total Approved M-M (2+3)</u>	(5) <u>M-M Remaining (4-1)</u>	(6) <u>Date Complete</u>
PRINCIPAL	6.47	7.00	0	7.00	0.53	—
SPECIALIST	10.43	13.00	(-) 2.60	10.40	(-)0.03	—
ENGINEER IN CHARGE	108.15	102.50	+ 8.30	110.80	2.65	Dec. 31, '82
SEN. BRIDGE ENGINEER	68.64	64.00	+ 6.10	70.10	1.46	Nov. 21, '82
SEN. CONST/PAV'T ENGR.	13.67	15.00	+ 0.30	15.30	1.63	Dec. 9, '82
SEN. H-WAY ENGINEER	4.34	15.00	(-)10.70	4.30	(-)0.04	Dec. 26, '81
OTHERS	370.81	373.00	(-) 2.20	370.80	(-)0.01	—
	<u>582.51</u>	<u>589.50</u>	<u>(-) 0.80</u>	<u>588.70</u>	<u>6.19</u>	<u>—</u>

Note : Man-months shown are contained in approved Amendment No. 10.

SECTION VIII ... PERSONNEL

VIII. 2. .... INDONESIAN PERSONNEL

There was no change in the Engineer's staffing this month.

BINA MARGA COUNTERPARTS

- |    |                  |  |
|----|------------------|--|
| 1. | Mr. Hadi Suwahyo | Counterpart Sen. Construction/<br>Paving Engineer. |
| 2. | Mr. Gono Sarpo   | Counterpart Senior Materials<br>Engineer.          |
|    | ----             | Counterpart Deputy Resident<br>Engineer.           |
|    | ----             | Counterpart Sen. Bridge Engr.                      |

FIELD PERSONNEL

- |     |                   |  |
|-----|-------------------|--|
| 3.  | Mr. Atang Suryana | Party Chief (Archicons),<br>November 24, 1980.           |
| 4.  | Mr. Jenal Mamad   | Chainman, September 8, 1980.                             |
| 5.  | Mr. Sarji Sarjono | Instrumentman, Sept. 8, 1980.                            |
| 6.  | Mr. Ato Toha      | Rodman, September 8, 1980.                               |
| 7.  | Mr. Susilo Budi   | Technician, Sept. 18, 1980.                              |
| 8.  | Mr. S a m a n     | Technician, October 1, 1980.                             |
| 9.  | Mr. Joko Purnomo  | Senior Materials Inspector<br>(Archicons), July 1, 1980. |
| 10. | Mr. Joko Sartono  | Bridge Inspector (Archicons),<br>July 16, 1981.          |
| 11. | Mr. Dones         | Bridge Technician (Archicons),<br>September 1, 1981.     |
| 12. | Mr. Luthfie Ali   | Bridge Technician (Archicons),<br>April 30, 1982.        |
| 13. | Mr. Mochtar Dadan | Materials Aide, May 17, 1982.                            |
| 14. | Mr. Dalimin A.R.  | Concrete Batching Plant In-<br>spector, August 4, 1982.  |

OFFICE TECHNICAL PERSONNEL

- |     |                    |  |
|-----|--------------------|--|
| 15. | Mr. Akhmad Khudori | Office Engineer (Archicons),<br>September 2, 1980. |
| 16. | Mr. Parmono        | Draftsman (Archicons),<br>October 2, 1980.         |
| 17. | Mrs. Widiyaningsih | Highway Technician,<br>June 8, 1981.               |

SECTION VIII ... PERSONNEL

VIII. 2. .... INDONESIAN PERSONNEL (Cont'd)

ADMINISTRATIVE PERSONNEL

18.	Mr. Sukardi Wahyudi	Administrative Manager, July 1, 1980.
19.	Mr. John Golluwola	Secretary, July 1, 1980.
20.	Mrs. Onny Pratiwi	Clerk/Typist, July 1, 1980.
21.	Mrs. Herny Widodo	Bookkeeper, July 1, 1980.
22.	Mr. Suryoseputro	Accountant, Jul" 1, 1980.
23.	Mr. Irkin	Mechanic, July 1, 1980.
24.	Mr. Ujang bin Tawi	Office Janitor, July 1, 1980.
25.	Mr. Lily Sulaeman	Security Guard, July 1, 1980.
26.	Mr. Ismail	Security Guard, July 1, 1980.
27.	Mr. Enan Setiana	Chief Security Guard, October 1, 1980.
28.	Mr. Sa'i Hidayat	Security Guard, October 1, 1980.
29.	Mr. Sanan	Gardener, October 13, 1980.
30.	Mr. Ayi Sukardi	Driver, July 24, 1981.
31.	Mr. Didi	Driver, August 20, 1981.
32.	Mr. Ido Suhada	Driver, September 1, 1981.

This month .....	32
Previous .....	<u>878</u>
T o t a l	910

Authorized Amendment No. 11 thru October 1982 .....	988
--	-----

VEHICLE MONTHS

Expended thru October .....	227
Authorized by Amendment No. 11 thru September 1982 .....	236



Forms for reinforcement  
Protection Pier 4,  
Bridge Station 11+932



Forms for reinforcing protection  
Pier 2, Bridge Station 11+932

SECTION X .... APPENDIX

X. 1. .... INCOMING CORRESPONDENCE

<u>No.</u>	<u>FROM</u>	<u>SUBJECT</u>	<u>DATE</u>
1.	PT ICCI	Request for Monthly Rupiah Progress Payment No. 10, Invoice No. 11, Jagorawi Highway Project Stage II.	Oct. 4, 1982
2.	Bina Marga	Request for Indonesian Staff Listing and Educational Background.	Oct. 6, 1982
3.	PT ICCI	Cost for repairing Mr. Caldwell's House.	Oct. 11, 1982
4.	Bina Marga	Request for Engineer's Sponsor Visit.	Oct. 12, 1982
5.	US/AID	Jagorawi Highway Project Loan No. 497-H-031 Stage II, Revised Design.	Oct. 12, 1982
6.	PT ICCI	Rainfall Record for September 1982.	Oct. 14, 1982
7.	PT ICCI	List of Equipment.	Oct. 14, 1982
8.	PT ICCI	Monthly Personnel Report.	Oct. 15, 1982
9.	PT ICCI	Payroll Receipts for 12-man days of Labor Invoices.	Oct. 19, 1982
10.	PT ICCI	Regarding to ICCI allocated Sentul Quarry.	Oct. 22, 1982
11.	Archicons	Invoice of September 1982.	Oct. 26, 1982
12.	Bina Marga	Approved Engineer's Dollar Invoice No. 92/1982.	Oct. 27, 1982
13.	PT ICCI	Transmittal of Contract Amendment No. 1.	Oct. 29, 1982

SECTION X .... APPENDIX

X. 2. .... OUTGOING CORRESPONDENCE

<u>No.</u>	<u>TO</u>	<u>SUBJECT</u>	<u>DATE</u>
1.	JV-NYC	Weekly Administrative Report No. 396.	Oct. 2, 1982
2.	Bina Marga	Notes of Meeting.	Oct. 5, 1982
3.	PT ICCI	Rainfall Record for September.	Oct. 6, 1982
4.	Bina Marga	Transmittal of Contractor's Invoice No. 11 for the Period July through September.	Oct. 7, 1982
5.	Bina Marga	Submittal of Engineer's Rupiah Invoice No. 104 for September.	Oct. 7, 1982
6.	PT ICCI	Granular Backfill for Excavation Below Bridge Footings.	Oct. 7, 1982
7.	PT ICCI	Bridge Excavation Below Footing Grade, Bridge Sta. 13+587, Pier #3.	Oct. 8, 1982
8.	Bina Marga	Submittal of Engineer's Dollar Invoice No. 92 for September.	Oct. 8, 1982
9.	JV-NYC	Weekly Administrative Report No. 397.	Oct. 9, 1982
10.	Bina Marga	Listing of Indonesian Staff & Educational Background.	Oct. 11, 1982
11.	PT ICCI	Invoice for Repair of Defective Work.	Oct. 11, 1982
12.	Van Melsem	Completion of Duty Assignment.	Oct. 11, 1982
13.	Bina Marga	Mr. Louis van Melsem, Senior Bridge Engineer Completion of Duty Assignment.	Oct. 11, 1982
14.	PT ICCI	Acknowledgement of Letters.	Oct. 12, 1982
15.	Bina Marga	Bina Marga's Letter BM-44/E dated September 17, 1982.	Oct. 12, 1982
16.	Bina Marga	Submittal of Draft Amendment No. 12 and No. 13	Oct. 13, 1982
17.	JV-NYC	Rupiah Accounting Report for the Month of September.	Oct. 13, 1982
18.	PT ICCI	Equipment Reports.	Oct. 14, 1982
19.	PT ICCI	Regional Procurement Reports.	Oct. 14, 1982

SECTION X . . . . APPENDIX

X. 2. . . . . OUTGOING CORRESPONDENCE (Cont'd)

<u>No.</u>	<u>TO</u>	<u>SUBJECT</u>	<u>DATE</u>
20.	JV-NYC	Weekly Administrative Report No. 398.	Oct. 16, 1982
21.	JV-NYC	Drafts of Contract Documents.	Oct. 19, 1982
22.	PT ICCI	Payroll Records.	Oct. 21, 1982
23.	Bina Marga	Report of Contractor Accident.	Oct. 21, 1982
24.	Bina Marga	Resubmittal of Rupiah Invoice No. 104 for September.	Oct. 23, 1982
25.	JV-NYC	Weekly Administrative Report No. 399.	Oct. 23, 1982
26.	Bina Marga	Contractor's Equipment Report for June and July.	Oct. 25, 1982
27.	Bina Marga	Local Government and Royalties on Quarry Material at Sentul.	Oct. 26, 1982
28.	Bina Marga	Contractor's Request for Additional Quarry Area at Sentul.	Oct. 26, 1982
29.	Bina Marga	Submittal of Engineer's Monthly Supervision Report No. 101 for September.	Oct. 26, 1982
30.	JV-NYC	Transmittal of Approved Dollar Invoice No. 92 for September.	Oct. 27, 1982
31.	Bina Marga	Submittal of Dollar Invoice No. 93 for October.	Oct. 27, 1982
32.	PT ICCI	Structures, Bridge 13+587 Piers 3 and 4.	Oct. 27, 1982
33.	PT ICCI	Project Meeting.	Oct. 27, 1982
34.	PT ICCI	Resubmittal of Contract Amendment No. 1.	Oct. 27, 1982
35.	Bina Marga	Inventory of Contractor's Equipment Work and Facilities to Date.	Oct. 27, 1982
36.	Bina Marga	Acknowledgement of Advance.	Oct. 29, 1982
37.	Bina Marga	Transmittal of Contract Amendment No. 1.	Oct. 29, 1982
38.	JV-NYC	Weekly Administrative Report No. 400.	Oct. 30, 1982

JAGORAWI HIGHWAY PROJECT  
STATUS OF CONTRACT CHANGE ORDERS AND FUNDS  
Sheet 1 of 1

CCO No.	DESCRIPTION	EIC SUBMIT	CONTRACTOR ACCEPT	BINA MARGA APPROVED RECOMM'D	BINA MARGA APPROVED	RUPIAH AMOUNT
	ORIGINAL AUTHORIZATION					+ 8,050,000,000
1	Revise Clearing and Grubbing	May 9, 1981	May 14, 1981	May 19, 1981	May 25, 1981	18,374,720
1	Revise Unclassified Excav., Class 1	May 9, 1981	May 14, 1981	May 19, 1981	May 25, 1981	(-) 47,040,000
2	Revise Spec. Engineer Vehicles	May 9, 1981	May 14, 1981	May 19, 1981	May 25, 1981	0
3	3-edge Bearing Test Machine	Sept. 10, 1981	Sept. 15, 1981	Sept. 17, 1981	Oct. 1, 1981	+ 1,774,381
4	Revise Density Spec. for A.B.C. & Select Roadway Embankment	May 9, 1981	May 14, 1981	May 19, 1981	May 25, 1981	0
5	Engineer Housing Civil Works	May 9, 1981	May 14, 1981	May 19, 1981	May 25, 1981	+ 37,001,726
6	Recondition H-piles	May 6, 1982	June 3, 1982	May 9, 1982	June 16, 1982	(-) 105,008,457
7	Revisions to Engineer's Housing	Mar. 15, 1982	Mar. 17, 1982	April 8, 1982	Apr. 20, 1982	+ 38,015,188
8	Weigh House Modifications	---	---	---	---	---
9	Grade Change & Rev'd Typical Sect.	Mar. 15, 1982	Mar. 17, 1982	April 8, 1982	Apr. 20, 1982	(-) 269,529,428
10	Revisions to Conc. Perf'd Pipe	May 8, 1982	June 3, 1982	May 9, 1982	June 16, 1982	+ 33,905,565
11	Revised Concrete Headwalls	---	---	---	---	---
	T O T A L					. 7,757,493,695

X. 3. .... LISTING OF CONTRACT CHANGE ORDERS

SECTION X .... APPENDIX

X. 4. .... STATUS OF FUNDS

I. DOLLAR FUNDS, ENGINEER'S CONTRACT

1- Approved Dollar Value of Engineer's Contract plus Amendments 1 thru 11....	US\$	3,988,326
2- Actual Dollar Funds Available From US/AID Loan .....	US\$	3,979,054*
3- Amount of Services and Fee thru Invoice No. 93, October 1982 ....	(-)US\$	<u>3,914,905</u>
Dollar Funds Remaining as of October 31, 1982 .....		US\$ 64,149

II. RUPIAH FUNDS, ENGINEER'S CONTRACT

1- Approved Rupiah Value of Engineer's Contract plus Amendments 1 thru 11 ..	Rp	1,743,738,569
2- Amount of Services and Fee thru Invoice No. 105, October 1982 .....	(-)Rp	<u>1,591,041,811</u>
Rupiah Funds Remaining as of October 31, 1982 .....		Rp 152,696,758

III. CONSTRUCTION CONTRACT

-- Approved Value of Contract .....	Rp	8,050,000,000
-- Value of Contract Change Orders Approved to Date .....	(-)Rp	<u>292,506,305</u>
Approved Value of Contract		Rp 7,757,493,695

\* Differences is due to banking charges.



PROGRESS SCHEDULE

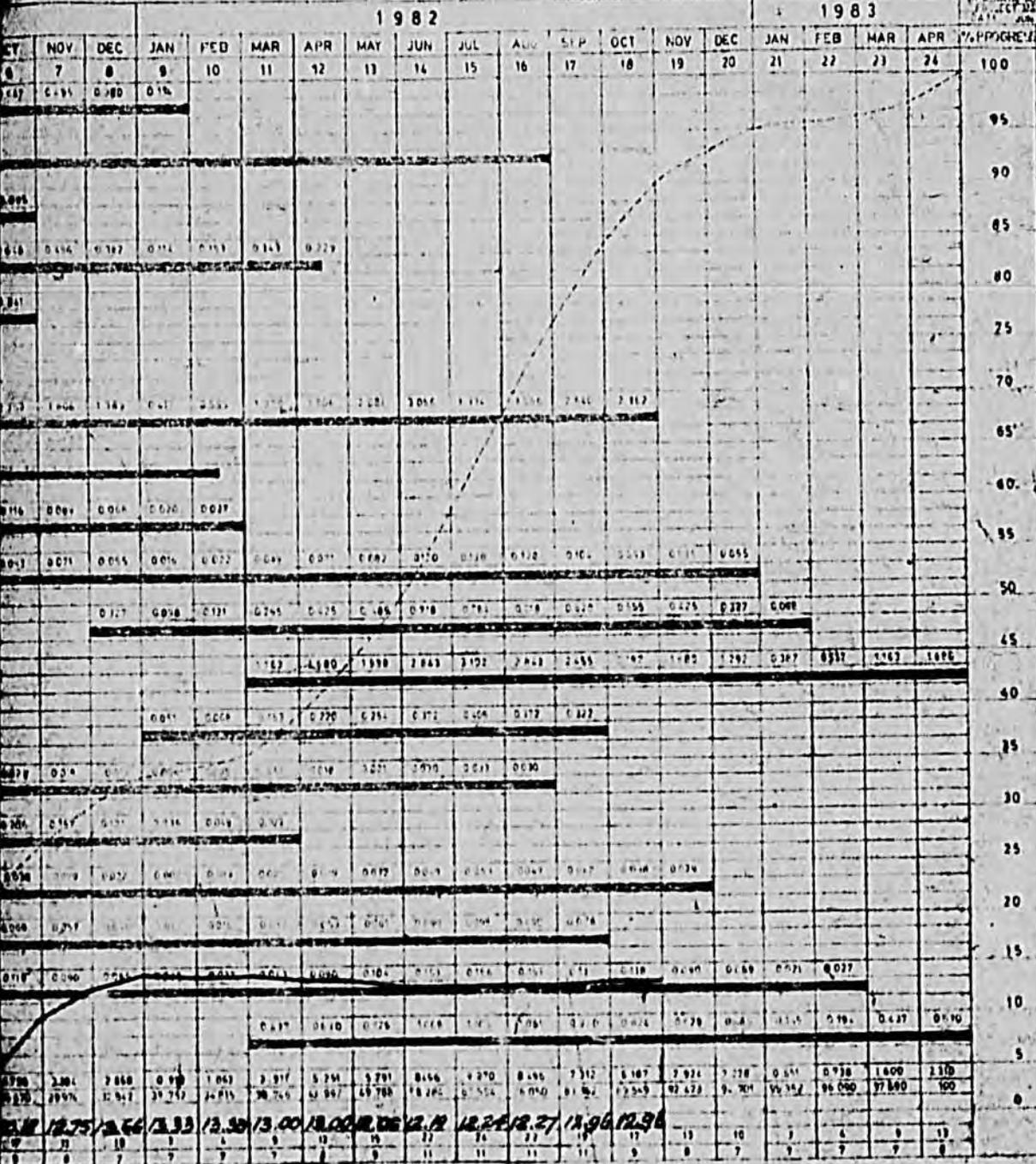
PT **ICCI**

INDONESIAN CONSORTIUM OF CONSTRUCTION INDUSTRIES

JAGRAWI HIGHWAY PROJECT STAGE II

OCTOBER 1982

APPROVED BY: [Signature]  
 PROJECT DIRECTOR  
 OCT 1982



REMARK

PROGRESS SCHEDULE No. 1

APPROVED BY: [Signature]  
 PROJECT DIRECTOR  
 OCT 1982