

PD-AAI-330

150-728

497-0241

Library

4970241005303

ACEH ROAD BETTERMENT PROJECT  
MONTHLY PROGRESS REPORT.

FOR



DIRECTORATE GENERAL OF BINA MARGA

April 1981

Prepared and Presented By



Pacific Architects and Engineers, Incorporated  
Resources Management International Incorporated



Resources Management International, Incorporated.

TABLE OF CONTENTS  
MONTHLY PROGRESS REPORT  
APRIL 1981

---

Section I

Narrative Monthly Progress Report  
Equipment Availability Figures

Section II

Photographs of Project Locations and Activities

Section III

Equipment Lists  
Example of Parts Inventory Control Card





## MONTHLY PROGRESS REPORT

APRIL 1981

### Introduction

In April, Mr. Byron Nicholls, RMI's Heavy Equipment Maintenance Specialist was replaced by Mr. Awad Abeskharoun. Mr. Nicholls left the project for reasons of ill-health. Mr. Abeskharoun, his replacement, has more than 26 years experience in all aspects of Heavy Equipment Maintenance. Prior to working on the Aceh Road Betterment Project Mr. Abeskharoun worked over four years in North Sumatra as a Mechanical Supervisor on the Arun LNG Project. This previous practical experience in Sumatra allowed Mr. Abeskharoun to rapidly adapt to living and working conditions in Sidikalang.

### Progress Report

Mr. Abeskharoun arrived in Medan on 7th April where he was met by Mr. Nicholls and Mr. Owens, the RMI Project Officer for Aceh Road Project. Mr. Abeskharoun received a briefing on the job and was taken to meet Ir. Handradjadi, the Bina Marga Project Manager. The ensuing meeting reviewed Mr. Abeskharoun's Terms of Reference for the job he would be

doing and discussed both the conditions and problems that had been encountered at the job-site.

Mr. Abeskharon arrived at the Job-site on the 7th of April and began work on the 8th of April, 1981. In the following week (8th - 15th April) Mr. Nicholls and Mr. Abeskharon toured the entire job-site in order to familiarize him with the work and to meet all the personnel involved on the project. During this period numerous meetings and discussions were held with Mr. Ali Basya, Equipment Superintendent, Mr. Moegiarso, General Superintendent, and Ir. Soemargadi, Nindya Karya Project Manager. Discussions focused on conditions in the workshops, equipment availability and spare-parts supplies. Mr. Soemargadi stressed that it might take some time to acquire all the additional staff, equipment and facilities necessary to upgrade the operation. However, he promised to offer all the help and assistance he could to ensure that mechanical repair and maintenance of equipment received top priority.

In the third week of April (19th - 25th) Mr. Abeskharon toured the project site with Equipment Superintendent Basya. Detailed inspection of all equipment and trucks was undertaken to establish an overall picture of equipment availability, equip-



ment needing repair and the updating of the repair and maintenance schedules for the remainder of the month. During this period Mr. Abeskharoun met with foreman, mechanics and other project personnel to exchange information and establish what areas in which on-the-job training was necessary.

The rest of the month was spent assisting with hands on mechanical work, testing, trouble shooting and working on problems of systems and equipment. One major repair project undertaken in this period was the ETNYRE ASPHALT DISTRIBUTOR which had been in operative for some time due to problems with its hydraulic system. This particular piece of equipment was needed urgently so a major effort was made to get it operational again. The unit was successfully repaired and was in operation by the end of the month.

Although the repair was hampered by a lack of correct testing tools, by following the proper procedures and sequences to check the system and its various components, the problem was located. Repairs were made and the equipment was operational the following day. Meanwhile routine maintenance and repair continued for the rest of the month, with Mr. Abeskharoun supervising, advising and training mechanics in areas such as hydraulic systems and the repair of diesel injection systems.



Particular emphasis was placed on the repair servicing and overhaul of the injector systems used on the fleet of International Dump Trucks used on the project. Mr. Abeskharoun trained mechanics on the correct installation procedures in order to ensure correct injection timing. To be sure the mechanics knew the correct procedures, the injectors were incorrectly installed and each mechanic in turn had to correct the fault.

Instruction was also given to the repair and installation of Power Take Off units, including such things as measuring clearances between transmission gears and backlash.

### Conclusion

Mr. Abeskharoun reported that he had received extremely good cooperation from all the personnel of the Aceh Road Betterment Project. This allowed him to settle in very quickly and satisfactory progress was made in the repair and maintenance of mechanical equipment. A good working relationship has been established and a start has been made towards correcting some of the problem areas mentioned in Mr. Byron Nicholls' termination report. Particular emphasis was placed upon training maintenance crews to follow safety procedures to reduce the



amount of minor work related injuries that personnel seemed to suffer. Some delays were encountered due to slow delivery of spare-parts. Mr. Abeskharoun checked the warehouse operation to establish the systems weak points and areas where improvements could be made. He found that many basic spare-parts were missing, which caused equipment to be inoperational for want of minor spare-parts, sometimes for several weeks at a time. Accordingly orders were placed to increase the stock of fast moving spare-parts.

An initial start was also made towards training maintenance crews to work in teams rather than as individuals with the crew assigned to work on a piece of equipment having overall responsibility for its successful repair.

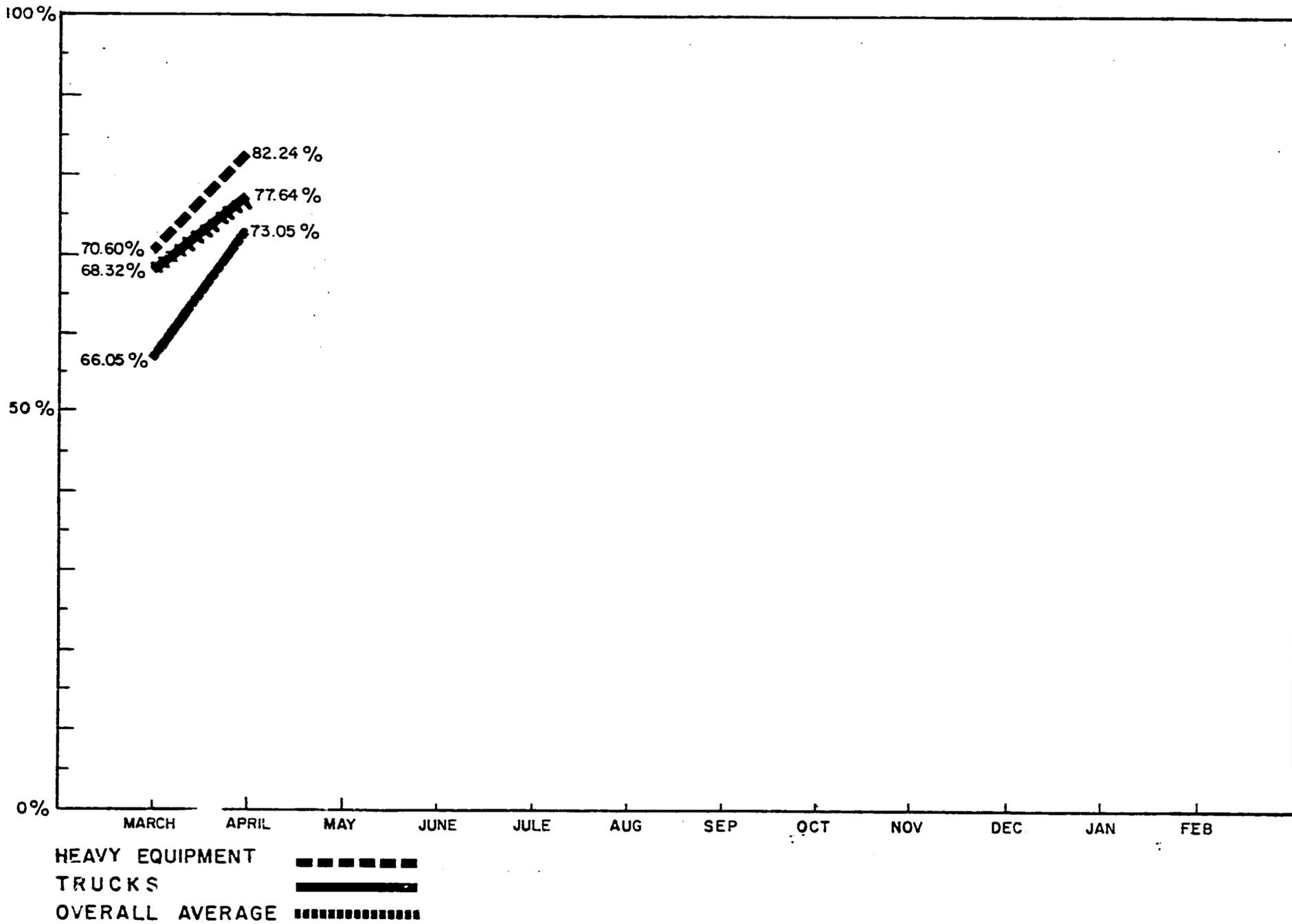


### EQUIPMENT AVAILABILITY 1981

	WEEK ENDING	MONTHLY AVERAGE				
	APRIL 3	APRIL 10	APRIL 17	APRIL 24		APRIL
TRUCKS	77.63%	76.92%	69.62%	68.35%		73.05%
HEAVY EQUIPMENT	82.22%	84.81%	82.22%	79.74%		82.24%
OVERALL AVERAGE AVAILABILITY						= 77.64%

# AVERAGE MONTHLY EQUIPMENT AVAILABILITY

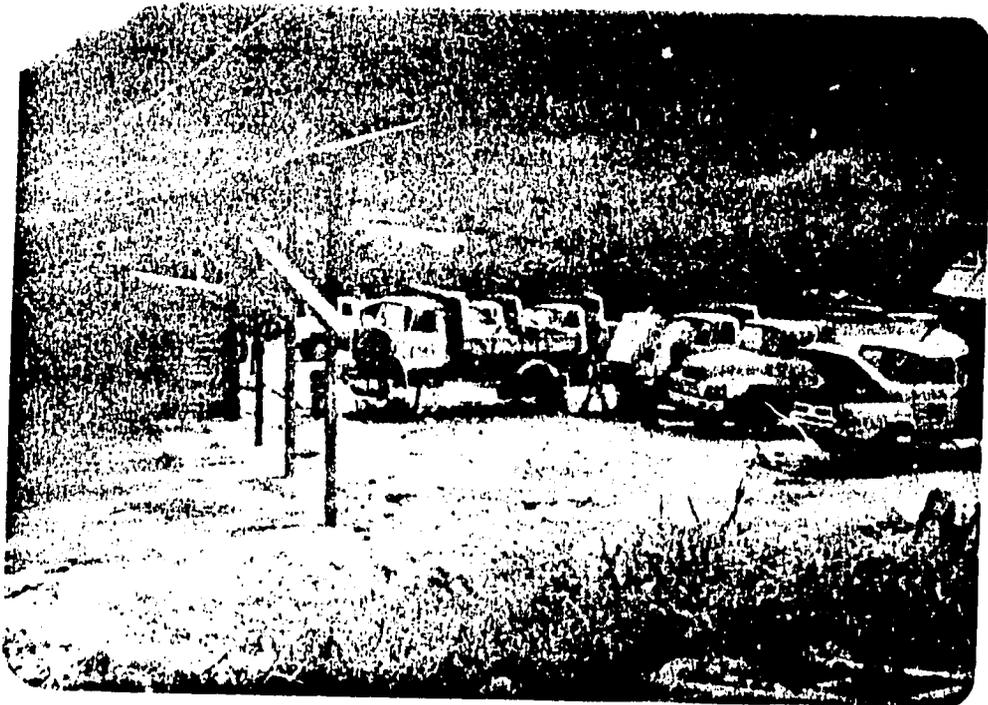
1981 - 1982



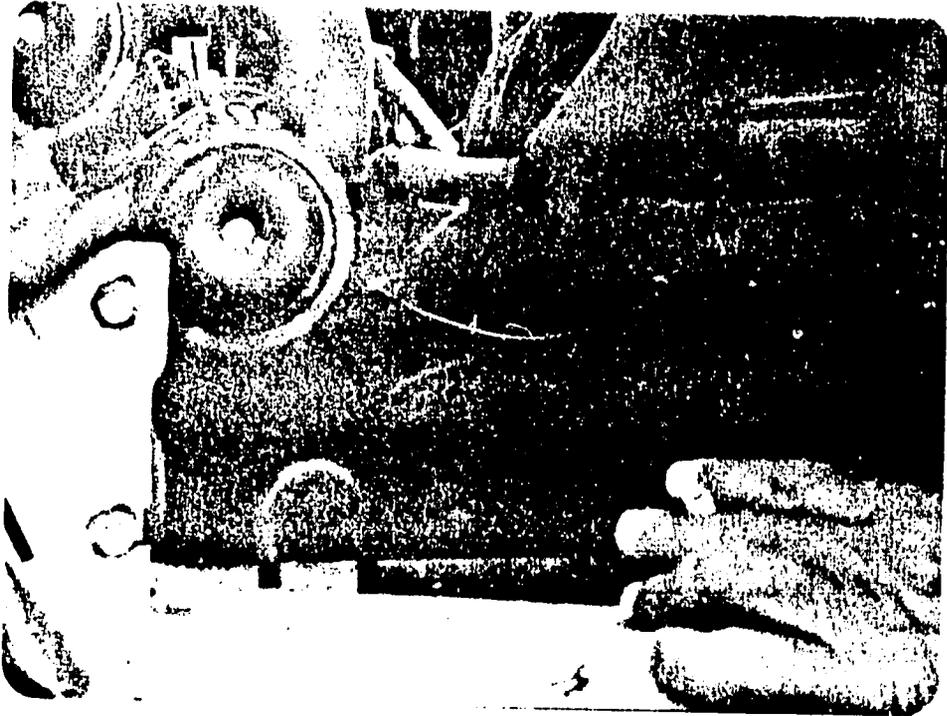




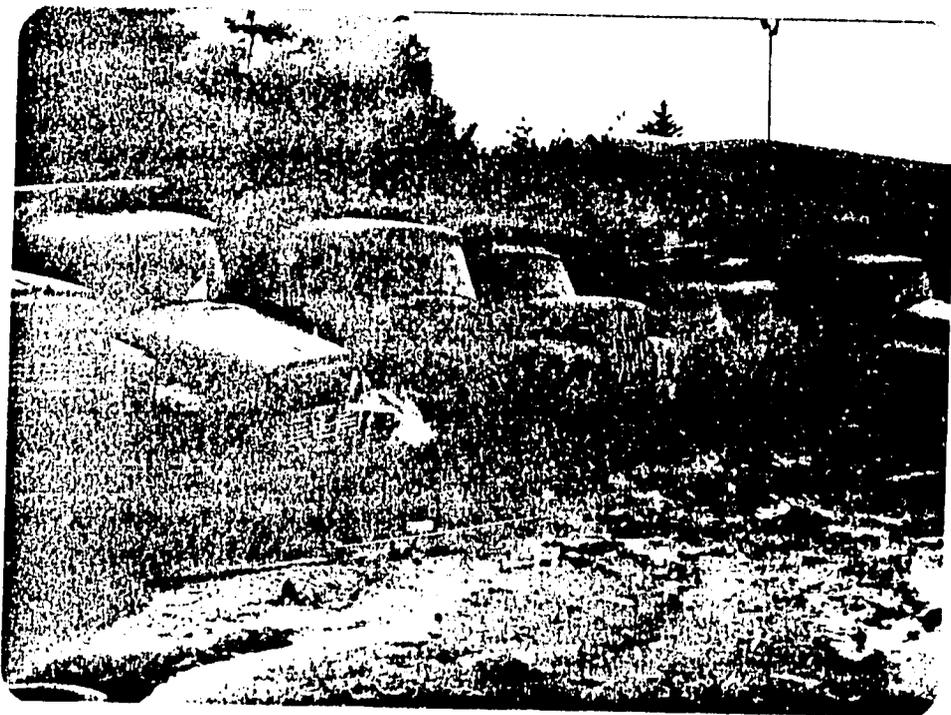
IR. MOELINONO, MR. NICHOLLS AND MR. ABESKHAROUN  
ON A SITE VISIT TO NANJOMBAL



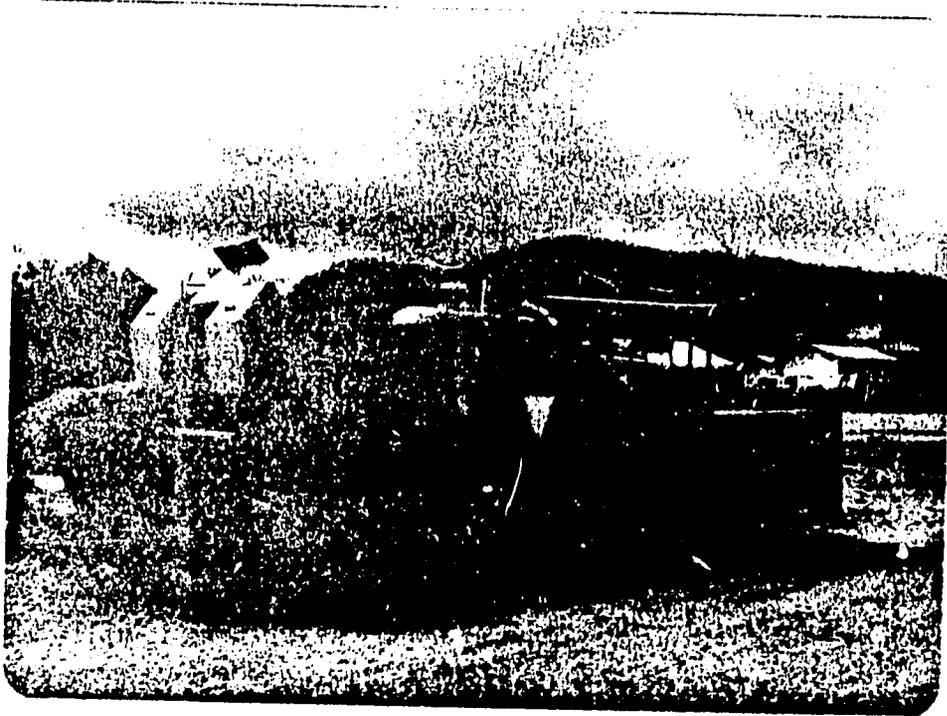
WORKSHOP AT NANJOMBAL, TRUCKS BEING SERVICED



MR. ABESKHAROUN INDICATING THE CORRECT PROCEDURE  
FOR BLEEDING AIR FROM A FUEL INJECTION SYSTEM



SCRAPPED TRUCKS AWAITING RETURN AND SALVAGE BY  
BINA MARGA



ETYNRE ASPHALT SPREADER PRIOR TO REPAIR



TRUCK REPAIRS UNDERWAY AT THE SIDIKALANG BASE  
CAMP WORKSHOPS



IDLE TRUCKS AT SIDIKALANG BASE CAMP



IDLE TRUCKS, WITH WHEEL LOADER REQUIRING  
BUCKET REPAIRS IN THE FOREGROUND



# EQUIPMENT LIST

WEEKLY REPORT : Heavy Equipment

CONTRACTOR: P.T. NINDYA KARYA

DATE : April 3rd 1981

No.	DESCRIPTION	CODE NO.	LOCATION	CONDITION			REASON DOWN
				OP	IDLE	DOWN	
1.	Bulldozer CAT D7G	D 1	Quarry	XXX			
2.	Bulldozer Komatsu D60E	D 2	Road	XXX			
3.	Bulldozer Komatsu D60E	D 3	Road	XXX			
4.	Bulldozer Komatsu D60E	D 4	Cepuanak			XXX	Engine Overhaul
5.	Bulldozer Case 1150B	D 5	Road			XXX	Cup C Frame
6.	Bulldozer Cat D5 LGP	D 6	Nanjombai			XXX	Engine
7.	Bulldozer Cat D7G	D 7	"	XXX			
8.	Bulldozer Cat D7F	D 8	"	XXX			
9.	Bulldozer D7G	D 9	"	XXX			
10.	Bulldozer D53A	D 10	"	XXX			
11.	Bulldozer D53A	D 11	"	XXX			
12.	Bulldozer D53A	D 12	"	XXX			
13.	Bulldozer D53A	D 13	Cepuanak	XXX			
14.	Bulldozer	D 14					
15.	Motor Grader Cat	MG 1	Cepuanak	XXX			
16.	Motor Grader Komatsu	MG 2	"	XXX			
17.	Motor Grader Komatsu	MG 3	Road			XXX	brake, shaft
18.	Motor Grader Komatsu	MG 4	"	XXX			
19.	Motor Grader Fiat Allis	MG 5	Shop			XXX	Engine
20.	Motor Grader	MG 6	Road	XXX			
21.	Motor Grader	MG 7	Material	XXX			
22.	Wheel Loader CAT 920	WL 1	"	XXX			
23.	Wheel Loader CAT 920	WL 2	Cepuanak			XXX	Transmission
24.	Wheel Loader CAT 920	WL 3	"	Xxx			
25.	Wheel Loader CAT 920	WL 4	"	XXX			
26.	Wheel Loader W 70	WL 5	Road	XXX			
27.	Wheel Loader W 70	WL 6	"	Xxx			
28.	Wheel Loader	WL 7	Shop			XXX	Engine
29.	Wheel Loader	WL 8	"			XXX	Engine
30.	Wheel Loader	WL 9	"			XXX	Engine



# EQUIPMENT LIST

WEEKLY REPORT : Heavy Equipment

CONTRACTOR: P.T. NINDYA KARYA

DATE : 3rd April 1981

No.	DESCRIPTION	CODE NO.	LOCATION	CONDITION			REASON DOWN
				OP	IDLE	DOWN	
31.	Wheel Loader	WL 10	Shop			XXX	Engine
32.	Track Loader Komat	TL 1	Quarry	XXX			
33.	Track Loader Cat	TL 2	Cepuanak	XXX			
34.	Excavator Drott	Ex 1	Road			XXX	Seal Cylinder
35.	Excavator Nikko	Ex 2	"			XXX	Coupling
36.	Exc Backhoe Loader	Ex 3	"	XXX			
37.	Vibro Compactor SP54	VR 1	"			XXX	Radiator
38.	Vibro Compactor SP54	VR 2	"	XXX			
39.	P Tire Roller	VR 3	"	XXX			
40.	P Tire Roller C 25	RP 1	"		XXX		
41.	P Tire Roller C 25	RP 2	"	XXX			
42.	P Tire Roller C 25	RP 3	"				
43.	Tandem Roller	RP 4	"		XXX		
44.	3 Wheel Roller 3W10	RP 5	"		XXX		
45.	3 Wheel Roller 3W10	RP 6	"		XXX		
46.	3 Wheel Roller MG 6 H	RP 7	"	XXX			
47.	3 Wheel Roller MG 6 H	RP 8	"			XXX	Fan
48.	Compactor Wacker W 75	VR 7	"		XXX		
49.	Compactor Wacker 75	VR 10	"		XXX		
50.	Compactor Dynapac CA15D	VR 4	"	XXX			
51.	Compactor Dynapac CA15D	VR 5	"	XXX			
52.	Towed Smott Drum	VR 6	"	XXX			
53.	Lippman Stone Crusher		Material	XXX			
54.	Sakai Stone Crusher		"	XXX			
55.	Stone Dryer		"	XXX			
56.	Air Compressor IR600	AC 1	Quarry	XXX			
57.	Airman Air Compressor	AC 2	Bridge		XXX		
58.	Air Compressor	AC 3	Cepuanak	XXX			
59.	Air Compressor	AC 4	Nanjonbal	XXX			
60.	Chip Spreader ET				XXX		







# EQUIPMENT LIST

WEEKLY REPORT : Heavy Equipment

CONTRACTOR: P.T. NINDYA KARYA

DATE : April 17th 1981

No.	DESCRIPTION	CODE NO.	LOCATION	CONDITION			REASON DOWN
				OP	IDLE	DOWN	
1.	Bulldozer CAT D7G	D 1	Quarry	XXX			
2.	Bulldozer Komatsu D60E	D 2	Road	XXX			
3.	Bulldozer Komatsu D60E	D 3	Road			XXX	Engine
4.	Bulldozer Komatsu D60B	D 4	Road	XXX			
5.	Bulldozer Case 1150B	D 5	Road	XXX			
6.	Bulldozer Cat D5 LGP	D 6	Road	XXX			
7.	Bulldozer Cat D7G	D 7	Road			XXX	Transmission
8.	Bulldozer Cat D7F	D 8	Road	XXX			
9.	Bulldozer D7G	D 9	Road			XXX	Recoil Spring
10.	Bulldozer D53A	D 10	Road	XXX			
11.	Bulldozer D53A	D 11	Road	XXX			
12.	Bulldozer D53A	D 12	Road	XXX			
13.	Bulldozer	D 13	Road	XXX			
14.	Bulldozer	D 14	Road	XXX			
15.	Motor Grader Cat	MG 1	Road			XXX	Engine
16.	Motor Grader Komatsu	MG 2	Road			XXX	engine
17.	Motor Grader Komatsu	MG 3	Road			XXX	Brake System
18.	Motor Grader Komatsu	MG 4	Road	XXX			
19.	Motor Grader Fiat Allis	MG 5	Shop			XXX	Engine
20.	Motor Grader Cat 920	MG 6	Road	XXX			
21.	Motor Grader Cat 920	MG 7	Road	XXX			
22.	Wheel Loader Cat 920	WL 1	Material	XXX			
23.	Wheel Loader Cat 920	WL 2	Material			XXX	Transmission
24.	Wheel Loader W 70	WL 3	Road	XXX			
25.	Wheel Loader W 70	WL 4	Road	XXX			
26.	Wheel Loader	WL 5	Shop			XXX	Engine
27.	Wheel Loader	WL 6	Road	XXX			
28.	Wheel Loader	WL 7	Material	XXX			
29.	Wheel Loader	WL 8	Material	XXX			
30.	Wheel Loader	WL 9	Shop			XXX	Engine



# EQUIPMENT LIST

WEEKLY REPORT : Heavy Equipment

CONTRACTOR: P.T. NINDYA KARYA

D A T E : April 17th 1981

No.	DESCRIPTION	CODE NO.	LOCATION	CONDITION			REASON DOWN
				OP	IDLE	DOWN	
31.	Wheel Loader	WL 10	Shop			XXX	Engine
32.	Track Loader Komatsu	TL 1	Quarry	XXX			
33.	Track Loader Cat	TL 2	Road			XXX	Idler
34.	Excavator Drott	Ex 1	Road			XXX	Cyl. Seal
35.	Excavator Nikko	Ex 2	Road	XXX			
36.	Exc Backhoe Loader	Ex 3	Road	XXX			
37.	Vibro Compactor SP54	VR 1	Road			XXX	Radiator
38.	Vibro Compactor SP54	VR 2	Road			XXX	Starter Motor
39.	P Tire Roller	VR 3	Road	XXX			
40.	P Tire Roller C 25	RP 1	Road	XXX			
41.	P Tire Roller C 25	RP 2	Road		XXX		
42.	P Tire Roller C 25	RP 3	Road			XXX	Starter Motor
43.	Tandem Roller	RP 4	Road	XXX			
44.	3 Wheel Roller 3W10	RP 5	Road	XXX			
45.	3 Wheel Roller 3W10	RP 6	Road		XXX		
46.	3 Wheel Roller MG 6 H	RP 7	Road		XXX		
47.	3 Wheel Roller MG 6 H	RP 8	Road		XXX		
48.	Compactor Wacker W 75	VR 7	Road		XXX		
49.	Compactor Wacker /5	VR 10	Road		XXX		
50.	Compactor Dynapac CA15D	VR 4	Road	XXX			
51.	Compactor Dynapac CA15D	VR 5	Road	XXX			
52.	lowed Smott Drum	VR 6	Road		XXX		
53.	Lippman Stone Crusher		Material	XXX			
54.	Sakai Stone Crusher		Material	XXX			
55.	Stone Dryer		Material	XXX			
56.	Air Compressor IR600	AC 1	Road	XXX			
57.	Airman Air Compressor	AC 2	Road	XXX			
58.	Air Compressor	AC 3	T. Shop	XXX			
59.	Air Compressor	AC 4	Tire Shop	XXX			
60.	Chip Spreader ET		Road	XXX			



# EQUIPMENT LIST

WEEKLY REPORT : Heavy Equipment

CONTRACTOR: P.T. NINDYA KARYA

DATE : 24th April 1981

No.	DESCRIPTION	CODE NO.	LOCATION	CONDITION			REASON DOWN
				OP	IDLE	DOWN	
1.	Bulldozer CAT D7G	D 1	Road	XXX			
2.	Bulldozer Komatsu D6UE	D 2	Road	XXX			
3.	Bulldozer Komatsu D60E	D 3	Road			XXX	Engine
4.	Bulldozer Komatsu D60B	D 4	Road	XXX			
5.	Bulldozer Case 1150B	D 5	Road	XXX			
6.	Bulldozer Cat D5 LGP	D 6	Road	XXX			
7.	Bulldozer Cat D7G	D 7	Road			XXX	Transmission
8.	Bulldozer Cat D7F	D 8	Road	XXX			
9.	Bulldozer D7G	D 9	Road			XXX	Recoil Spring
10.	Bulldozer D53A	D 10	Road	XXX			
11.	Bulldozer D53A	D 11	Road	XXX			
12.	Bulldozer D53A	D 12	Road	XXX			
13.	Bulldozer	D 13	Road	XXX			
14.	Bulldozer	D 14	Road	XXX			
15.	Motor Grader Cat	MG 1	Road	XXX			
16.	Motor Grader Komatsu	MG 2	Road			XXX	Pin Shift
17.	Motor Grader Komatsu	MG 3	Road	XXX			
18.	Motor Grader Komatsu	MG 4	Road	XXX			
19.	Motor Grader Fiat Allis	MG 5	Shop			XXX	Engine
20.	Motor Grader Cat 920	MG 6	Road	XXX			
21.	Motor Grader Cat 920	MG 7	Road	XXX			
22.	Wheel Loader Cat 920	WL 1	Material	XXX			
23.	Wheel Loader Cat 920	WL 2	Material			XXX	Transmission
24.	Wheel Loader W 70	WL 3	Road	XXX			
25.	Wheel Loader W 70	WL 4	Road	XXX			
26.	Wheel Loader	WL 5	Shop			XXX	Engine
27.	Wheel Loader	WL 6	Road	XXX			
28.	Wheel Loader	WL 7	Material	XXX			
29.	Wheel Loader	WL 8	Material	XXX			
30.	Wheel Loader	WL 9	Shop			XXX	Engine



# EQUIPMENT LIST

9

WEEKLY REPORT : Heavy Equipment

CONTRACTOR: P.T. NINDYA KARYA

DATE : \_\_\_\_\_

No.	DESCRIPTION	CODE NO.	LOCATION	CONDITION			REASON DOWN
				OP	IDLE	DOWN	
31.	Wheel Loader	WL 10	Shop			XXX	Engine
32.	Track Loader Komat	TL 1	Quarry	XXX			
33.	Track Loader Cat	TL 2	Road			XXX	Idler
34.	Excavator Drott	Ex 1	Road			XXX	
35.	Excavator Nikko	Ex 2	Road	XXX			
36.	Exc Backhoe Loader	Ex 3	Road			XXX	Bolt Wheel
37.	Vibro Compactor SP54	VR 1	Road			XXX	Radiator
38.	Vibro Compactor SP54	VR 2	Road			XXX	Starter Motor
39.	P Tire Roller	VR 3	Road	XXX			
40.	P Tire Roller C 25	RP 1	Road	XXX			
41.	P Tire Roller C 25	RP 2	Road		XXX		
42.	P Tire Roller C 25	RP 3	Road			XXX	Starter Motor
43.	Tandem Roller	RP 4	Road	XXX			
44.	3 Wheel Roller 3W10	RP 5	Road	XXX			
45.	3 Wheel Roller 3W10	RP 6	Road		XXX		
46.	3 Wheel Roller MG 6 H	RP 7	Road			XXX	Steering
47.	3 Wheel Roller MG 6 H	RP 8	Road		XXX		
48.	Compactor Wacker W 75	VR 7	Road		XXX		
49.	Compactor Wacker 75	VR 10	Road		XXX		
50.	Compactor Dynapac CA15D	VR 4	Road			XXX	Wheel
51.	Compactor Dynapac CA15D	VR 5	Road	XXX			
52.	lowed Smott Drum	VR 6	Road		XXX		
53.	Lippman Stone Crusher		Material	XXX			
54.	Sakai Stone Crusher		Material	XXX			
55.	Stone Dryer		Shop		XXX		
56.	Air Compressor IR600	AC 1	Road	XXX			
57.	Airman Air Compressor	AC 2	Road	XXX			
58.	Air Compressor	AC 3	T.Shop Jtl	XXX			
59.	Air Compres	AC 4	T.Shop Road	XXX			
60.	Chip Spreader ET		Road		XXX		





# EQUIPMENT LIST

WEEKLY REPORT: Heavy Equipment

CONTRACTOR: P.T. NINDYA KARYA

DATE : 10th April 1981

No.	DESCRIPTION	CODE NO.	LOCATION	CONDITION			REASON DOWN
				OP	IDLE	DOWN	
1.	Bulldozer CAT D7G	D 1	Quarry	XXX			
2.	Bulldozer Komatsu D6UE	D 2	Road	XXX			
3.	Bulldozer Komatsu D60E	D 3	Cepuanak	XXX			
4.	Bulldozer Komatsu D60B	D 4	"	XXX			
5.	Bulldozer Case 1150B	D 5	Road	XXX			
6.	Bulldozer Cat D5 LGP	D 6	Cepuanak	XXX			
7.	Bulldozer Cat D7G	D 7	Road			XXX	Transmission
8.	Bulldozer Cat D7F	D 8	Cepuanak	XXX			
9.	Bulldozer D7G	D 9	Road			XXX	Recoil Spring
10.	Bulldozer D53A	D 10	Cepuanak	XXX			
11.	Bulldozer D53A	D 11	"	XXX			
12.	Bulldozer D53A	D 12	Road	XXX			
13.	Bulldozer	D 13	Cepuanak	XXX			
14.	Bulldozer	D 14					
15.	Motor Grader Cat	MG 1	Cepuanak	XXX			
16.	Motor Grader Komatsu	MG 2	"	XXX			
17.	Motor Grader Komatsu	MG 3	Road			XXX	Brake system
18.	Motor Grader Komatsu	MG 4	Road	XXX			
19.	Motor Grader Fiat Allis	MG 5	Shop			XXX	Engine
20.	Motor Grader Cat 920	MG 6	Road	XXX			
21.	Motor Grader Cat 920	MG 7	Road	XXX			
22.	Wheel Loader Cat 920	WL 1	Material	XXX			
23.	Wheel Loader Cat 920	WL 2	"			XXX	Transmission
24.	Wheel Loader W 70	WL 3	Cepuanak	XXX			
25.	Wheel Loader W 70	WL 4	Road	XXX			
26.	Wheel Loader	WL 5	Material	XXX			
27.	Wheel Loader	WL 6	Cepuanak	XXX			
28.	Wheel Loader	WL 7	Material	XXX			
29.	Wheel Loader	WL 8	"	XXX			
30.	Wheel Loader	WL 9	Shop			XXX	Engine

WEEKLY REPORT : Heavy Equipment

CONTRACTOR: P.T. NINDYA KARYA

DATE : th April 1981

No.	DESCRIPTION	CODE NO.	LOCATION	CONDITION			REASON DOWN
				OP	IDLE	DOWN	
31.	Wheel Loader	WL 10	Shop			XXX	Engine
32.	Track Loader Komat	TL 1	Quarry	XXX			
33.	Track Loader Cat	TL 2	Cepuanak	XXX			
34.	Excavator Drott	Ex 1	Road			XXX	Seal Cylinder
35.	Excavator Nikko	Ex 2	Road	XXX			
36.	Exc Backhoe Loader	Ex 3	Road	XXX			
37.	Vibro Compactor SP54	VR 1	Cepuanak			XXX	Radiator
38.	Vibro Compactor SP54	VR 2	Road			XXX	Motor Vibrator
39.	P Tire Roller	VR 3	Road	XXX			
40.	P Tire Roller C 25	RP 1	Road	XXX			
41.	P Tire Roller C 25	RP 2	Road	XXX			
42.	P Tire Roller C 25	RP 3	Cepuanak	XXX			
43.	Tandem Roller	RP 4	"		XXX		
44.	3 Wheel Roller 3W10	RP 5	"	XXX			
45.	3 Wheel Roller 3W10	RP 6	Shop		XXX		
46.	3 Wheel Roller MG 6 II	RP 7	Shop		XXX		
47.	3 Wheel Roller MG 6 II	RP 8	Road	XXX			
48.	Compactor Wacker W 75	VR 9	Shop		XXX		
49.	Compactor Wacker /5	VR 10	Shop		XXX		
50.	Compactor Dynapac CA15D	VR 4	Cepuanak		XXX		
51.	Compactor Dynapac CA15D	VR 5	"	XXX			
52.	Towed Smott Drum	VR 6	"	XXX			
53.	Lippman Stone Crusher		N. Jombal	XXX			
54.	Sakai Stone Crusher		"	XXX			
55.	Stone Dryer		Shop		XXX		
56.	Air Compressor IR600	AC 1	Road	XXX			
57.	Airman Air Compressor	AC 2	Road	XXX			
58.	Air Compressor	AC 3	Tire Shop	XXX			
59.	Air Compressor	AC 4	"	XXX			
60.	Chip Spreader ET		Road	XXX			



Resources Management International, Inc.  
Aceh Road Betterment Project

PARTS INVENTORY CONTROL CARD

### PARTS INVENTORY CONTROL

P.T. NINDYA KARYA  
CABANG KHUSUS  
PROYEK JALAN RAYA ACEH BARAT

YEAR :	MONTHLY ISSUE												Average Monthly Issue
19 <u>81</u>	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
Ac . Issue													
Last Issue Date													

STOCK LEVEL MIN 1  
MAX 2

Req-P.O. No.	Date	Ordered	Rec ' D	Issue No.	Qty	Date	Bal	Issue No.	Qty	Date	Lal	Unit Price
TTNKNO 408	23-6-81	7	7	967	2	23-7-81	5					
				1412	1	25-9-81	4					
				1327	2	29-9-81	2					

PART No. 74759-R1 DESCRIPTION STEERING ARM BOLT MFG IH 1850 U/I SK LOCATION 6-2A-5E

An example of the new parts inventory control cards with minimum and maximum stock levels (note color coded tab.)