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DEPARTMENT OF THE ARMY
OFFICE OF THE ADJUTANT GENERAL
WASHINGTON, D.C. 20310

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IN REPLY REFER TO

AGDA (M) (11 Aug 70) FOR OT UT 702266 13 August 1970

SUBJECT: Operational Report - Lessons Learned, Headquarters, 18th
Engineer Brigade, Period Ending 30 April 1970

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2. Information contained in this report is provided to insure appropriate benefits in the future from lessons learned during current operations and may be adapted for use in developing training material.

BY ORDER OF THE SECRETARY OF THE ARMY:

Kenneth G. Wickham
 KENNETH G. WICKHAM
 Major General, USA
 The Adjutant General

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(ARMY) ATTN: FOR OT UT, WASHINGTON, D.C. 20310

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DEPARTMENT OF THE ARMY
HEADQUARTERS, 18TH ENGINEER BRIGADE
APO 96377

AVBC-CG

30 April 1970

SUBJECT: Operational Report - Lessons Learned, 18th Engineer Brigade,
Period Ending 30 April 1970, RCS CSFOR-65 (R2)

TO: Assistant Chief of Staff for Force Development
Department of the Army
Washington, D.C. 20310

1. Operations: Significant Activities

a. Personnel

(1) Awards: Utilization of letters of recommendation for processing Army Commendation Medals for service was initiated in the reporting period. Deserving individuals of all enlisted grades may be recommended by such a letter. By allowing consolidation of recommendations at the battalion level, this procedure has greatly facilitated the processing of these service awards. During the period 1 February 1970 to 30 April 1970, the following awards were presented to Brigade personnel:

Legion of Merit	3
Bronze Star (V)	10
Bronze Star	92
Army Commendation Medal (V)	11
Army Commendation Medal	1,063
Air Medal	<u>37</u>
TOTAL	1,216

(2) Reports: During the period, steps were taken to monitor more closely the statistical personnel data which is submitted by subordinate units. In particular, data inputs for the DEROS Loss Report are now forwarded directly from the Battalions to this Headquarters, rather than being first consolidated at Group level. This Headquarters is now able to verify the accuracy of reported data and to answer inquiries from higher Headquarters without having to consult the Battalions.

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(3) Information Office: Beginning 2 April 1970, the Brigade Information Office has produced a weekly radio program which describes significant events within the Brigade and is broadcast by the Armed Forces Vietnam Network. The lack of personnel with knowledge and experience in broadcasting was an initial problem. However, experience is being gained which will enable the Brigade to make more extensive use of broadcast media in the future.

b. Intelligence: Although the total number of enemy incidents increased 19% in the reporting period, KIA's decreased 30% and WIA's decreased 14%. The enemy has been engaged primarily in sniper attacks, mining, and stand-off rocket and mortar attacks.

c. Operations

(1) Operational Support: Approximately 47% of the Brigade mission effort was expended in combat and operational support activities during the reporting period. Major projects are summarized below.

(a) Land Clearing: Land clearing companies continued full scale operations in I and II Corps Tactical Zones, with organic Battalion bulldozer support. A total of 35,494 acres were cleared in the period.

35th Group AOR: The 687th Engr Co (LC) completed operations on TL-1 and QL-14 in the vicinity of Ban Me Thuot. The unit is presently working on LTL 8B from Gia Nghia to Nhon Co. A total of 6,217 acres were cleared in the period.

45th Group AOR: The 59th Engr Co (LC), together with Battalion land clearing teams, cleared 15,154 acres at C2 (YD 0966), FSB Barbara (YD 362370), Quang Tri (YD 2738), Mai Loc (YD 1255), Da Nang (BT 083682), and Shoi An (BT 191420).

937th Group AOR: The 538th Engr Co (LC) cleared 14,123 acres in the period. After operations along QL-14N and in the vicinity of Ben Het, Dak To, and Kontum, the unit proceeded to clear along LTL 7B from RJ QL-14 to the Phu Bon/Fhu Yen Province border. The final operation of the quarter was conducted along route 2E from Cheo Reo to Buon Blech. The unit was engaged in maintenance standdown at the period's close.

(b) Major Projects: Major projects which were completed in the period are given below. In addition to the projects listed, all elements of the 18th Engr Bde provided routine combat and operational support, including repair of enemy and weather damage to roads and bridges, daily route minesweeps, technical assistance, and miscellaneous tasks.

35th Group: The following major projects are among the 29 operational support projects which were completed during the period:

Duc Xuyen Airfield repair

Aircraft Revetments, Bao Loc

FSB, Dong Ba Thin

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SUBJECT: Operational Report - Lessons Learned, 18th Engineer Brigade,
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FSB, Song Mao

POL berms, Duc Lap

Protective fencing for POL storage, Phan Thiet

TOC for TFS, Phan Thiet

TOC repair, Nha Trang

45th Group: Among the 61 operational support projects which were completed in the period are the following:

Bunkers, LZ West, LZ Center, LZ Dragon

Command bunker, "E" Sector, QTC Base

Aircraft revetments for 131st AVN, Phu Bai

Tactical road to FSB Rakkasan

Tactical road, LZ Nancy to FSB Barbara

Tam Quan causeway and bridge, ER 918104

Gun pads, FSB Bastogne and Già Le

U. Observation towers

POL storage area, 259th QM Bn

937th Group: 31 operational support projects were completed in the period, including the following:

FSB, LZ Two Bits

FSB, Camp Radcliffe

ASP Cells and guard towers, Camp Radcliffe

MX-19 matting salvage, LZ Oasis

Po Lei Kleng Airfield repair

Vehicle gates, Camp Radcliffe

Tuy Hoa North Airfield repair

Repair bridge QL-14/29

Living/fighting bunkers, LZ English

Duc Co Airfield Repair

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Tank ford, Camp Madcliffe

(2) LOC Construction: The average level of LOC construction effort was 45% in the quarter. 660,577 CY of rock were crushed and 167.1 KM were paved to GENCOM Standard. Rock production was 30% higher than that of the previous period and more than three times as much pavement was placed. Paving in the quarter was slightly more than twice that of the same months of 1969.

(a) Scope: As of 30 April 1970, the LOC Program entails completion of all Priority I routes by 31 March 1971. QL-14 from RJ-7B to Buon Blech and LTL-7B from RJ-14 to Cheo Reo are presently being upgraded to all weather roads. Construction of these roads to GENCOM Standard, Class C, will be accomplished in the 1971 construction season. Completion of Priority III routes, to include QL-14S, LTL 7B, and LTL 8B, is scheduled for 31 March 1972. Two major/minor repair projects, QL-19E (Pleiku to Qui Nhon) and QL-1 (Song Son to Qui Nhon), were added to the LOC program during the quarter.

(b) Bridges: The 1970 and 1971 LOC bridge programs were approved by USAECV (P) in the period. 76 bridges are scheduled for completion in 1970 and 64 bridges in 1971. These bridges are primarily steel structures with precast concrete decks. Use of prestressed concrete beams will be kept to a minimum.

(c) Completed Projects:

QL-14N, Pleiku to Kontum, Kontum to Dak To

QL-1, Tuy Hoa to Tuy An

QL-1, Duc Pho to Mc Duc

QL-11, Phan Rang to Bridge 16

(d) Project Starts:

QL-19E, Pleiku to Qui Nhon (Maj/Min Repair)

LTL-7B, RJ 14 to Cheo Reo

QL-14S, RJ 7B to Buon Blech

QL-20, RJ 21B to Di Linh

QL-11, RJ 21B to Song Pha

(3) Base Construction: The level of construction activity in the period was approximately 8% of the total Brigade mission effort. The backlog of projects continued to decline in the period. Completed, cancelled, and terminated projects totaled 15; 12 new projects were assigned, 7 of which were directed in support of the LOC maintenance program. As of 30 April 1970, there were 39 active base construction projects, 4 of which were suspended and under study by the USARV Facilities Review Board. The authorized funding for these 39 projects totaled \$3.0 million.

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SUBJECT: Operational Report - Lessons Learned, 18th Engineer Brigade,
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(a) Major Projects: The most important base construction projects completed in the period were the Screening and Detention Center at Cheo Reo and the water supply facility at LZ English. Key projects underway at the close of the quarter were the Bulkhead Repair at CMF, the relocation of two aircraft maintenance hangars from Pleiku to An Khe, and the resurfacing of Phu Heip Airfield.

(b) M&CV Advisor Facilities: 6 sites were completed in the quarter and 4 new sites were directed. Of the 46 sites which have been directed, 37 are complete and 6 are in progress.

(4) Engineer Plans: The Engineering and Plans Section continued to review and produce designs, provide technical assistance to subordinate units, and conduct a quality control program throughout the Brigade area of operations.

(a) Plans and Technical Assistance: Most notable of the design plans produced during the period are the preliminary plans for bridge OL-11/54 and the standard M102 105 mm howitzer emplacement plans. A number of engineering problems related to road and bridge construction were solved at the request of subordinate units. The Engineering and Plans Section was involved in a study of asphalt production at the various industrial sites. Emphasis was placed on obtaining the best possible efficiency at each site. Implementation of the resulting recommendations was underway at the end of the reporting period. Soil exploration requirements for bridge construction were consolidated and forwarded to USAECV (F). The section continued to support other staff sections with the production of numerous graphic aids and charts.

(b) Quality Control: During the period frequent construction site visits were made for the purpose of checking quality control procedures. Classes were given in construction techniques and quality control procedures. In order to alleviate the shortage of MOS 51G20 personnel, arrangements were made to train two soils technicians at the CRB OICC- JIK lab on an OJT basis.

d. Organization: The current Brigade Unit Station List is attached as an inclosure. Unit moves are in chronological order below.

- (1) 538th Engr Det (WD) from Phan Rang to Cam Ranh Bay
- (2) 40th Engr Det (WD) from Camp Idaho Beach to Phan Thiet
- (3) 59th Engr Co (LC) from FSB C-2 to Quang Tri
- (4) A/20th Engr Bn from Engr Hill to Camp Enari
- (5) B/20th Engr Bn from An Khe to Engr Hill
- (6) D/20th Engr Bn from Engr Hill to Camp Enari
- (7) A/84th Engr Bn from Tuy Hoa to Phu Tai
- (8) 49th Engr Det (WD) from LZ English to Engr Hill

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SUBJECT: Operational Report - Lessons Learned, 18th Engineer Brigade,
Period Ending 30 April 1970, RCS CSFOR-65 (R2)

- (9) 23rd Engr Det (WD) from Engr Hill to Kontum
- (10) C/27th Engr Bn from FSB T-Bone to Camp Eagle
- (11) Quarry Section/591st Engr Co (LE) from FSB Birmingham to Phu Loc
- (12) HQ 937th Engr Gp from Engr Hill to Phu Tai
- (13) A/20th Engr Bn from Camp Enari to An Khe
- (14) C/20th Engr Bn from LZ Weigt-Davis to Cheo Reo
- (15) D/20th Engr Bn from Camp Enari to LZ Weigt-Davis
- (16) 585th Engr Co (DT) from Kontum to LZ Weigt-Davis

e. Logistics

(1) Construction Materials: Asphalt products have been of particular concern during the period due to expanding LOC program requirements. An estimated 117,900 barrels of RC/MC 800 is required in the last eight months of CY 70, which is considerably above past requirements. The scheduled opening of two soil stabilization plants in June and July partially accounts for this increase. Forecasts of monthly asphalt consumption have been submitted to USACEV (P) to preclude shortages. A comparison of LOC bridge steel requirements with materials on hand revealed acute shortages. USACEV (F) has taken necessary steps to alleviate bridge steel shortages.

(2) TOE Equipment: Many TOE equipment shortages have been eliminated in the period through close coordination with USACEV (F) and 1st Logistical Command. Additional graders, 20 ton cranes, and 25 ton lowbed semi-trailers are forthcoming. However, 60 ton lowbed trailers remain critical at 28% fill.

2. Lessons learned: Commander's Observations, Evaluations, and Recommendations

a. Personnel: None

b. Intelligence: None

c. Operations:

(1) Erection of Telephone Poles

(a) Observation: A rapid expedient method for erecting telephone poles is required when an earth auger is unavailable.

(b) Evaluation: A ditch is dug with a dozer and the use of explosives as required. Asphalt drums with the ends removed are set in the ditch and fill is hand compacted around each drum. After placing the poles in the drums, fill the drums with concrete. A minimum of 3 feet of compacted fill should be placed over the concrete once it has set.

(c) Recommendation: Use the above expedient method for erecting telephone poles when an earth auger is unavailable.

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SUBJECT: Operational Report - Lessons Learned, 18th Engineer Brigade,
Period Ending 30 April 1970, RCS CSFOR-65 (R2)

(2) Installation of M8A1 Matting

(a) Observation: 3rd Platoon, Co A, 20th Engr Bn reports that locking tabs were knocked down to a 90 degree angle at Polei Klenh Airfield. Repair work was hampered by this fact.

(b) Evaluation: Lifting of the tabs to disengage the locking pins was difficult; the matting was often damaged during removal of the pins.

(c) Recommendation: The locking tabs on M8A1 Landing Mat should be knocked down only 3/4 of the way. This is sufficient to hold the pins in place and still allow easy removal for repair.

(3) Construction of 10,000 BBL POL Tank

(a) Observation: 3rd Platoon, D Company, 299th Engr Bn reports that failure of wedge gaskets resulted in considerable wasted effort.

(b) Evaluation: The wedge gaskets which were originally installed had become brittle with age. These gaskets failed during testing of the completed structure and had to be replaced.

(c) Recommendation: Check the date of manufacture of the tank set. If the set is more than two years old, the wedge gaskets should be checked for elasticity prior to installation.

(4) Revetment Construction

(a) Observation: Co A, 299th Engr Bn reports that time spent in tying revetment walls was reduced by one half when rebar was substituted for wire.

(b) Evaluation: A pair of holes are drilled in each wall adjacent to the sides of the opposing posts. With a blow-torch and sledge hammer, the rebar is bent to form a "U" shaped stirrup. After the legs of the stirrup are inserted around both posts, the ends are bent and welded together.

(c) Recommendation: Use rebar for anchoring revetment walls whenever it is available.

d. Organization: None

e. Training: None

f. Logistics: None

g. Communications:

(1) Utilization of Radios

(a) Observation: Without back pack radios, work parties cannot properly respond to enemy attack.


SUBJECT: Operational Report - Lessons Learned, 18th Engineer Brigade,
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(b) Evaluation: Although vehicle mounted radios facilitate command and control, they are inadequate in areas where ambushes or sniper fire are likely to require evacuation from vehicles. A back-pack radio provides the maneuverability required during hostile action.

(c) Recommendation: It is imperative that a back-pack radio be available to the OIC/NCOIC in situations of possible enemy attack.

h. Materiel: None

1 Incl
18th Brigade Station List


H. C. SCHRADER
Brigadier General, USA
Commanding

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2 - CG USARV, Fort Belvoir, ATTN: Historical Division
2 - CO, 20th Engr Bde, ATTN: AVBI-OS, AFO 96491
1 - CO, 35th Engr Gp, AFO 96312
1 - CO, 45th Engr Gp, AFO 96308
1 - CO, 937th Engr Gp, AFO 96226

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AVHGC-DST (30 April 1970) 1st Ind
SUBJECT: Operational Report - Lessons Learned, 18th Engineer Brigade,
Period Ending 30 April, RCS CSFOR-65 (R2)

Headquarters, United States Army Vietnam, APO San Francisco 96375 9 JUN 1970

TO: Commander in Chief, United States Army Pacific, ATTN: GPOP-DT,
APO 96558

Assistant Chief of Staff for Force Development, Department of the
Army, Washington, D.C. 20310

1. This headquarters has reviewed the Operational Report-Lessons Learned for the quarterly period ending 30 April 1970 from Headquarters, 18th Engineer Brigade.

2. Comments follow:

a. Reference item concerning "Erection of Telephone Poles", page 6, paragraph c(1): concur. This procedure appears to have a sound engineering basis and provides a good expedient for telephone pole erection. It should also be remembered that similar procedures could be achieved with other pieces of equipment such as a backhoe or an trenching machine. Unit has been so advised.

b. Reference item concerning "Construction of 10,000 BBL POL Tanks", page 7, paragraph c(3): concur. It is a recommended engineer practice to inspect all materials and components for quality and applicability prior to construction of any kind. Also, as indicated in DA Pam 525-3-1, dated December 1968, page 81, these dried gaskets can be soaked in graphite for several hours which will successfully restore their resiliency. This method should be used only if new gaskets are not available. Unit has been so advised.


c. Reference item concerning "Installation of M8A1 Matting", page 7, paragraph c(2): nonconcur. In order to insure the highest degree of safety the locking tabs on M8A1 should be bent down a complete 90°. Driving the tabs only part way requires a subjective decision and will cause problems in quality control. Under heavy and repeated loadings the locking bars could easily work loose if the tabs are not all the way down. This partial bending of tabs may be acceptable when an airfield is extremely temporary and the ability to relocate the matting is of prime concern. For more permanent fields the locking tabs should be bent a full 90°. Unit has been so advised.

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AVHGC-DST (30 April 1970) 1st Ind
SUBJECT: Operational Report-Lessons Learned, 18th Engineer Brigade,
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d. Reference item concerning "Revetment Construction", page 7,
paragraph c(4): concur. This appears to be an acceptable method of tying
revetment walls. It must be noted, however, that at this time a critical
shortage of re-bar exists in-country, and this new proposal should not be
implemented until sufficient stocks of re-bar become available. Unit
has been so advised.

FOR THE COMMANDER:


D. J. Winter
CPT, ACC
Assistant Adjutant General

Cy fur1:
18th Engineer Brigade

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GPOP-DT (30 Apr 70) 2d Ind
SUBJECT: Operational Report of HQ, 18th Engineer Brigade for Period
Ending 30 April 1970, RCS CSFOR-65 (R2)

HQ, US Army, Pacific, APO San Francisco 96558 10 JUL 70

TO: Assistant Chief of Staff for Force Development, Department of the
Army, Washington, D. C. 20310

This headquarters concurs in subject report as indorsed.

FOR THE COMMANDER IN CHIEF:


D.D. CLINE
2LT, AGC
Asst AG

DEPARTMENT OF THE ARMY
HEADQUARTERS, 18TH ENGINEER BRIGADE
APO 96377

AVDC-IR

7 May 1970

SUBJECT: 18th Engineer Brigade Station List

<u>UNIT</u>	<u>LOCATION</u>	<u>COORD</u>	<u>APO</u>
HQ, 18th Engr Bde	Dong Ba Thin	CP035290	96377
588th Engr Det (WD)	Cam Ranh Bay	CP058145	96312
617th Engr Co (PB)	Dong Ba Thin	CP035290	96377 *
643rd Engr Co (PL)	Dong Ba Thin	CP035290	96377 *
HQ, 35th Engr Gp (Const)	Cam Ranh Bay	CP058145	96312
171st Engr Det (WD)	Phan Thiet	AN923215	96317
497th Engr Co (PC)	Cam Ranh Bay	CP058145	96312
HHC/19th Engr Bn	Camp Smith	ZT026756	96493
HHC/19	Camp Smith	ZT026756	96493
A/19	Camp Brown	YT846625	96492
B/19	Camp Smith	ZT026756	96493
C/19	Hot Rocks	BQ192134	96297
D/19	Classified Location		
23rd Engr Det (WD)	Camp Idaho Beach	AN795070	96317
40th Engr Det (WD)	Phan Thiet	AN923215	96317
572nd Engr Co (LE)	Camp Smith	ZT026756	96493
547th Engr Plt (Asphalt)	Camp Smith	ZT026756	96493
HHC/577th Engr Bn (Const)	Don Duong	BP392110	96204
A/577	Don Duong	BP392110	96204
B/577	Duc Trong	BP152012	96204
C/577	Duc Trong	BP152012	96204
D/577	Don Duong	BP392110	96204
51st Engr Plt (Asphalt)	Don Duong	BP392110	96204
102nd Engr Co (CS)	Di Linh	AN985865	
D/815th Engr Bn	Di Linh	AN985865	
HHC/589th Engr Bn (Const)	Phan Rang	BN753873	96321
A/589	Phan Rang	BN753873	96321
B/589	Vinh Hoa	BN530469	96321
C/589	Tong Song Pha	BP492083	96321
D/589	Phu Quy	BN739743	96321
513th Engr Co (DT)(-)	Phan Rang	BN753873	96321
687th Engr Co (LC)	Classified Information		

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<u>UNIT</u>	<u>LOCATION</u>	<u>COORD</u>	<u>AFQ</u>
HHC/864th Engr Bn (Const)	Nha Trang	CP053502	96240
A/864 (-)	Phan Thiet	AN923215	96240
Maint/A/864	Nha Trang	CP053502	96240
B/864 (-)	Hot Rocks	BQ192134	96240
1/B/864	Dong Ba Thim	CP035303	96377
C/864	Phan Thiet	AN917222	96240
D/864	Khanh Duong	BQ562083	96240
569th Engr Co TOPO (CORPS)	Nha Trang	CP049509	96240
610th Engr Co (Const Sup)	Khanh Duong	BQ543103	96240
553rd Engr Co (FB)	Dong Ba Thim	CP035303	96377
73rd Engr Co (CS)	Phan Thiet	AN923215	96492
517th Quarry Section	Hot Rocks	BQ192134	96297
513th DT Engr Det	Hot Rocks	BQ192134	96297
HQ, 45th Engr Gp (Const)	Phu Bai	YD878140	96308
59th Engr Co (LC)	Quang Tri	YD312538	96495 **
HHC/14th Engr Bn	Quang Tri	YD312538	96495 **
A/14 (-)	Quang Tri	YD312538	96495
1/A/14	FSB A-1	YD400736	96495
2/A/14	FSB C-1	YD212734	96495
B/14 (-)	Quang Tri	YD312538	96495
1/B/14	FSB A-4	YD118706	96495
3/B/14	FSB C-2	YD133646	96495
C/14 (-)	LZ Nancy	YD443395	96495
1/C/14	FSB Barbara	YD330337	96495 **
D/14 (-)	Camp Evans	YD537327	96495
3/D/14	Camp Carroll	YD060550	96495
630th Engr Co (LE)	Quang Tri	YD312538	96495 **
Quarry Section/630th Engr Co	FSB Birmingham	YD703102	96297 **
HHC/27th Engr Bn	Camp Eagle	YD833155	96308
A/27	Camp Eagle	YD833155	96308
B/27	Camp Eagle	YD833155	96308
C/27 (-)	Camp Eagle	YD833155	96308
2/C/27	Camp Sally	YD638274	96308
D/27 (-)	FSB Birmingham	YD703102	96308
2/D/27	Bu Prang		96308 **
591st Engr Co (LE) (-)	Camp Eagle	YD833155	96308
1(-)/2(-)/591st Engr Co	Camp Sally	YD638274	96308
HHC/39th Engr Bn	Chu Lai Base	BT534036	96325
A/39 (-)	Chu Lai Base	BT534036	96325
2,3/A/39	LZ Snoppy	BS700607	96325
B/39	LZ Dottie	BS627856	96325
C/39 (-)	Chu Lai	BT534036	96325
1/C/39	Quang Ngai	BS604719	96325
2/C/39	LZ Bronco	BS815383	96325
D/39 (-)	Chu Lai Base	BT534036	96325
2/D/39	Tam Ky	BT325215	96325 **

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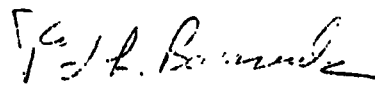
<u>UNIT</u>	<u>LOCATION</u>	<u>COORD</u>	<u>APO</u>
137th Engr Co (LE)	Chu Lai Base	BT534036	96325 **
511th Engr Co (PB)	Chu Lai Base	BT534036	96325
HQ, 937th Engr Gp	Phu Tai	CRO22210	96226
509th Engr Co (PB)	Engr Hill	AR794525	96318
1/553rd Engr Co (PB)	Engr Hill	AR794525	96318
HHC/20th Engr Bn	Engr Hill	AR794525	96318
A/20	An Khe	BR465467	96318
B/20 (-)	Engr Hill	AR794525	96318
3/B/20	LZ Oasis	ZA120286	96318 **
C/20	Cheo Reo	BQ249823	96318
D/20	LZ Weight-Davis	AR895120	96318
584th Engr Co (LE)	LZ Weight-Davis	AR895120	96318
15th Engr Co (LE)	LZ Weight-Davis	AR895120	96318
538th Engr Co (LC)	Engr Hill	AR794525	96318 **
585th Engr Co (DT)	LZ Weight-Davis	AR895120	96318
HHC/84th Engr Bn	Qui Nhon	CRO52225	96238
A/84 (-)	Phu Tai	CRO03205	96226
1/A/84	Phu Hiep	CQ248374	96316 **
B/84	Bong Son	BR871955	96328
C/84	Qui Nhon	CRO52225	96238
D/84 (-)	Camp Radcliff	BR473435	96294 **
2/D/84	Phu Hiep	CQ248374	96316
536th Engr Det (PC)	Bong Son	BR871955	96328
HHC/299th Engr Bn	Phu Tai	BR999245	96226
A/299	An Khe	BR443442	96294
C/299 (-)	Bong Son	BR871955	96238
1/C/299	LZ Salem	DR711846	96238
D/299 (-)	An Khe	BR462473	96238 **
2/D/299	LZ Hardcore	BR627472	96294 **
15 Engr Co (LE) (-)	Phu Tai	CR008185	96226
2/15 Engr Co (LB)	LZ Pony	BR712758	96226 **
2/553 Engr Co (FB)	Phu Tai	CR008185	96226
614th Engr Det (PB)	An Khe	BR452448	96294
HHC/815th Engr Bn	Engr Hill	AR794525	96318
A/815	Engr Hill	AR794525	96318
B/815	Engr Hill	AR794525	96318
C/815	Engr Hill	AR794525	96318
1/C/815	Kontum	AR765813	96318
49th Engr Det (WD)	Phu Tuc	DQ511611	96318
23rd Engr Det (WD)	Tuy Hoa	CQ151480	96318 **
542nd Engr Det (PD)	Engr Hill	AR794525	96318
1/542nd Engr Co	Di Linh	AN998787	96493 **

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It is requested that if errors are noted on this list that they be reported to Brigade Intelligence Sergeant for correction.

- * INDICATES UNITS AT 0 STRENGTH.
- ** INDICATES CHANGE OF UNITS FROM LAST MONTH.

FOR THE COMMANDER:



PAUL L. DORSSUCK
1LT, CE
Asst Adjutant

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