



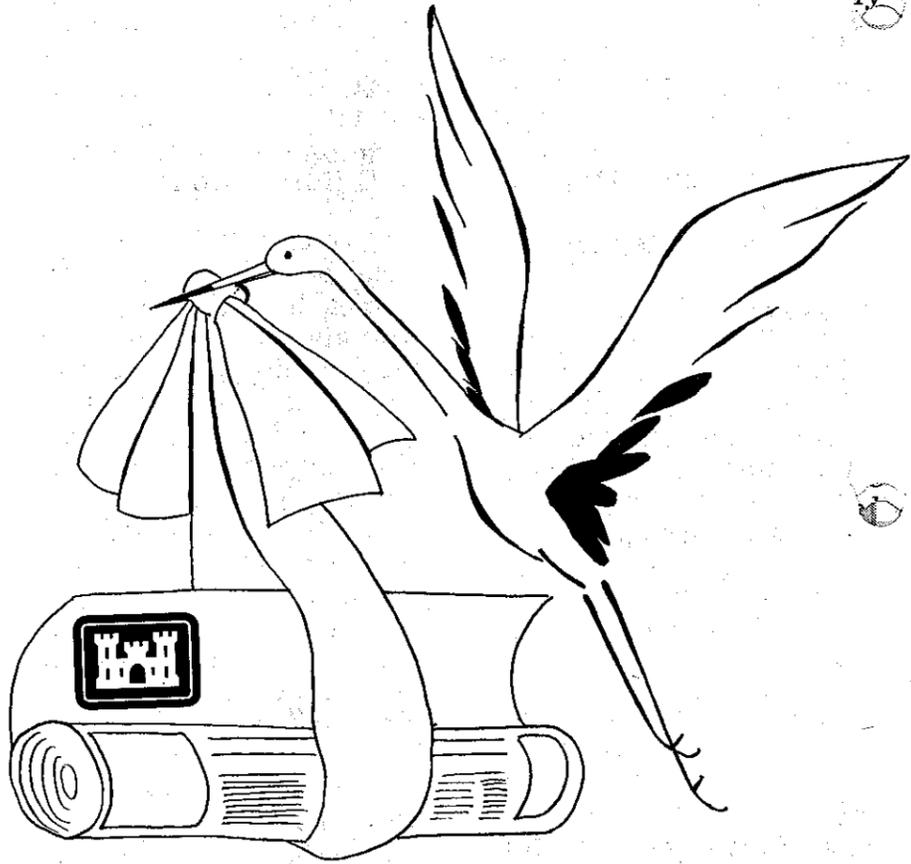
**US Army Corps  
of Engineers**

Far East District

SEOUL, KOREA VOL. 1 NO. 1 MARCH 1983

## NAME ME, I'M YOURS

I may look like a newspaper but I won't feel like one until I have a name. Please submit your suggestions to the Public Affairs Office (PAO). The person submitting the chosen title will be given prominent display in the 1st edition using the new name. Submitted names will be evaluated by a committee composed of representatives from the divisions in the District. Three titles will be selected and printed on a ballot that will be distributed to all District employees. So start thinking. PAO needs your suggestions by April 15 in order to print the next issue on schedule.



## Osan aircraft shelters, Taegu school dedicated

February saw the completion of two major district projects which were celebrated in separate ceremonies in

Osan and Taegu. On February 16th, the ribbon was cut on the nine aircraft shelters that were constructed on

Osan Air Base. Construction of this \$10.1 million project had been underway since March 1981. Each shelter is equipped with two 85-ton doors that can be opened in 90 seconds. This aircraft shelter project, which was constructed by the Pum Yang Construction Company, is the first worldwide to include on-site fabrication of the shelter doors.

Two days later, the new Taegu American School was dedicated at Camp George. The \$3.65 million facility was constructed by the Samil Enterprise Company and will accommodate 600 students. Work had been underway since the fall of 1981. The school is a combination high school and elementary school and includes a gymnasium, multi-purpose room and athletic fields as well as various

specialized classrooms. The high school students have already moved into the new school but the elementary children will wait until the fall semester. Hot lunch facilities will be added in time for the new school year. Captain Michael Moriarity represented the district at the ceremony as inclement weather prevented Colonel Perrenot from leaving Seoul.

The Taegu school is the third to be completed by the district in the past year. A new elementary school was finished in Osan last summer and the new Seoul American High School was completed ahead of schedule and in time for the current school year. New high school construction now underway in Pusan should be completed by next fall.



*Col. Perrnot and Construction Div. Chief Bobby Williams discuss Osan shelters with Air Force officials.*



# Camp Long entertains Team Spirit

In the current flurry of activity surrounding Team Spirit '83, it is easy to forget the activities that go on year-round to support this important exercise. Consider Camp Long, a small outpost of the 19th Support Command that normally accommodates 300 to 350 soldiers. In February its population swells to nearly 1400 as it assumes its role as one of the base camps for Team Spirit personnel. Certainly the facilities suitable for the permanent personnel cannot adequately serve such an increase for two months each year.

To help this situation, the Far East District, Corps of Engineers, has been improving the recreational facilities at the Camp. Since last summer, the recreation center, gymnasium, bowling alley, racquetball court and theatre have all been renovated and the outdoor tennis and basketball courts were resurfaced. These facilities, with the obvious exception of the outdoor courts, are now filled with soldiers enjoying their off-duty time.

The Corps' project officer for the camp, 2LT Richard Matkins reports, "The Far East District awarded a \$573,000 contract to the Sun Kyung Construction Company for this work. All the facilities involved were essentially stripped of all interior material, leaving only the basic structural members and exterior materials. In most cases, the facilities were given new interior walls, energy-efficient windows, fire alarm systems and new warm air furnaces. Air conditioning was added to the theatre."

The basketball court portion of the gymnasium and a racquetball court were the first to be completed and made available to camp personnel in late October. Both courts are official size and excellent areas for the troops to help keep themselves in top physical shape. A weight room, office and latrines with showers have since opened for use in the gymnasium. When the weather warms, the permanent personnel at the camp will also have

the use of the new outdoor basketball and tennis courts. A special colored asphalt was used to give these courts their green appearance.

By the end of November, work on the recreation center was essentially complete. It contains a kitchen capable of serving hot meals, a large lounge area with a fireplace and comfortable chairs, and several activity rooms. There are two television rooms, one for KATUSA's and one for American soldiers; two game rooms with a pool table in one and a pushball game in the other, and reading, music, and cooking classrooms. All that remains to be done is the equipment for the cooking classroom and a transfer of the camp's Class VI store to the facility.

Soon after the hamburgers started sizzling in the snack bar, the pins started falling at the bowling alley. The new facility contains four lanes, a snack area, two latrines and a manager's office. It is conveniently located near the other main recreational

facilities.

The theatre is the last portion of this year's renovation program. Although not completely finished, it is serving Team Spirit participants well. Officers are conducting orientation briefings for newly-arrived troops even as the workmen finishing the interior walls scurry around them. The theatre's 196-person capacity can handle more than half the camp's permanent population and is certainly adequate for the necessary official meetings concerning Team Spirit. Of course, the theatre is also used in the evening for the showing of Korea Area Exchange movies.

In a few weeks, the hectic pace at Camp Long will slacken a bit as the Team Spirit soldiers move out for the field exercise and then prepare for the return to Hawaii, but plans are already made for next year. Between now and this time next year, the Chapel, NCO Club, and some billets will be rehabilitated. Then the rush will begin again.

## *Korean, U.S. flags to fly at fed*

New flagpoles will soon be placed near the present one in front of the Headquarters Building so that the Korean flag can fly alongside the U.S. and Corps of Engineers' flags. At the closing hour, the two nations' flags will be lowered and folded, as the corresponding national anthem is played. While the anthems are being played, compound personnel can show their respect simply by coming to a stop, or if they happen to be in a vehicle, by stopping and getting out, weather conditions permitting. To prevent confusion, the two compound gates will be closed for the brief period the anthems are played.

## Mail Search Rules Loosened

Military authorities, when they have "probable cause," may now open and inspect overseas mail to search for illegal drugs or merchandise. Before the change in Defense Department regulations, authorities first needed a federal search warrant. Detection dogs, metal detectors and other devices can be used to screen the contents of overseas mail. Also, foreign customs officials may inspect the mail under certain circumstances, but only in the presence of U.S. military postal officials.



Trucks lined up at Camp Long in preparation for Team Spirit field exercise.

# Chochiwon project keeps

It is a coronary artery that pumps the very life blood of the South Korea defense. It is 10 inches in diameter and over 350 miles long, covering the distance, underground, from Pohang to Seoul. It, of course, is the Petroleum Distribution pipeline built jointly by the Republic of Korea and the U.S. in 1969.

When it suffers, the security of Korea suffers so when it broke at a river crossing near Chochiwon last summer, it was given quick attention. The Petroleum Distribution System Korea (PDSK) agency of the 19th Support Command repaired the break in short order, but the job of eliminating the cause of the break remained to be done. The pipe was originally constructed beneath the river bed, but over the years the river bottom had been washed away, exposing the pipeline and subjecting it to the pressure of flowing water. Unless the pipeline could be protected, it would eventually break again.

In December, PDSK turned to the Far East District, Corps of Engineers for a project to provide a more permanent solution to the problem. The two agencies discussed various courses of action before deciding to lower the pipeline back below the river bed, anchor it by driving steel piles, and repair the adjacent riverbank levee system.

But the implementation of this course of action was another matter. The pipeline had to be lowered without shutting off the high pressure flow and it had to be done before spring floods could have the opportunity to again break the line. Over a quarter mile of the pipe would have to be uncovered, including the sections under the river and the riverbank levee. Also, this work had to be done with minimal disruption of nearby rice and barley fields.

The Corps responded by entering into a \$112,500 contract with the Ssang Yong Construction Company of Seoul for emergency

repair of the pipeline. Careful provisions were worked out for the construction procedures and emergency communications methods were arranged for notification of PDSK in the event of a break during the construction. Safety precautions were also devised for the protection of the workmen from the high pressure line. The contract was signed on January 5th and the company was given an immediate notice to proceed.

Actual work began on the 23rd of January. The digging was done mostly with heavy equipment, although the area near the pipe had to be cleared by hand to avoid a possible rupture. At different times, cofferdams had to be constructed in the river to direct the water away from the particular section of pipe being lowered.

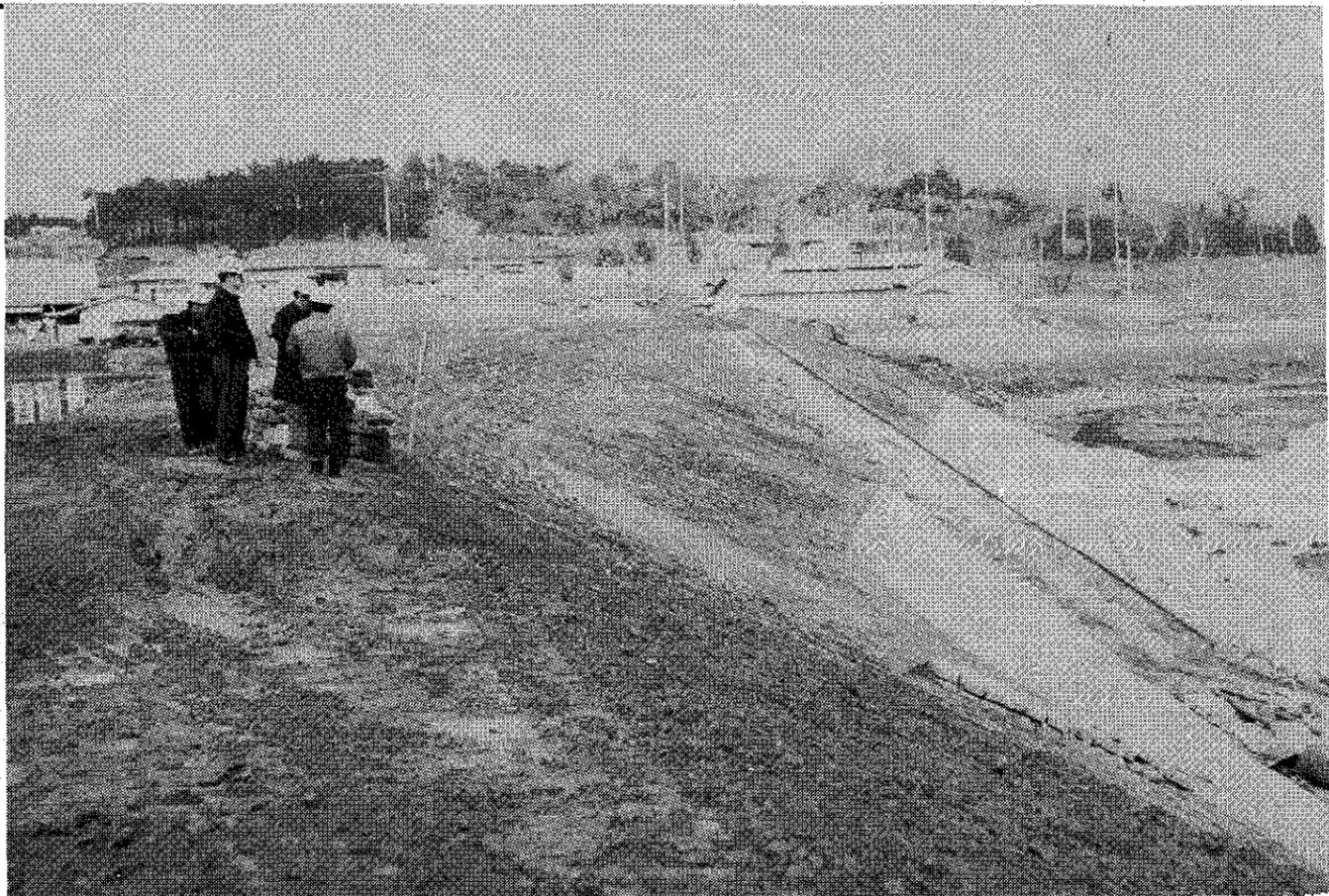
Because the company's conventional pile driving equipment was unable to reach the remote location, the steel piles were not driven in the usual manner. A wooden tower was built

over the pile and a 1½-ton weight was winched up and dropped. Power was supplied by nearby equipment.

The job would probably have been completed in about half the allotted time had not Nature interfered not once, but twice. A big snowstorm in mid-February turned the worksite white and held up work for more than a week as the heavy equipment could not be operated. Despite the setback, the contractor would have been finished by March 4, but the heavy rains of March 1st and 2nd filled the river and prevented the final in-river work. Eventually, the job was completed on 14 March, well ahead of schedule.

It is fortunate that the Corps of Engineers, PDSK, and a private contractor showed their ability to work together well on this sensitive project. It is especially fortunate because the pipeline crosses many rivers in the Republic of Korea and this situation is likely to be repeated.

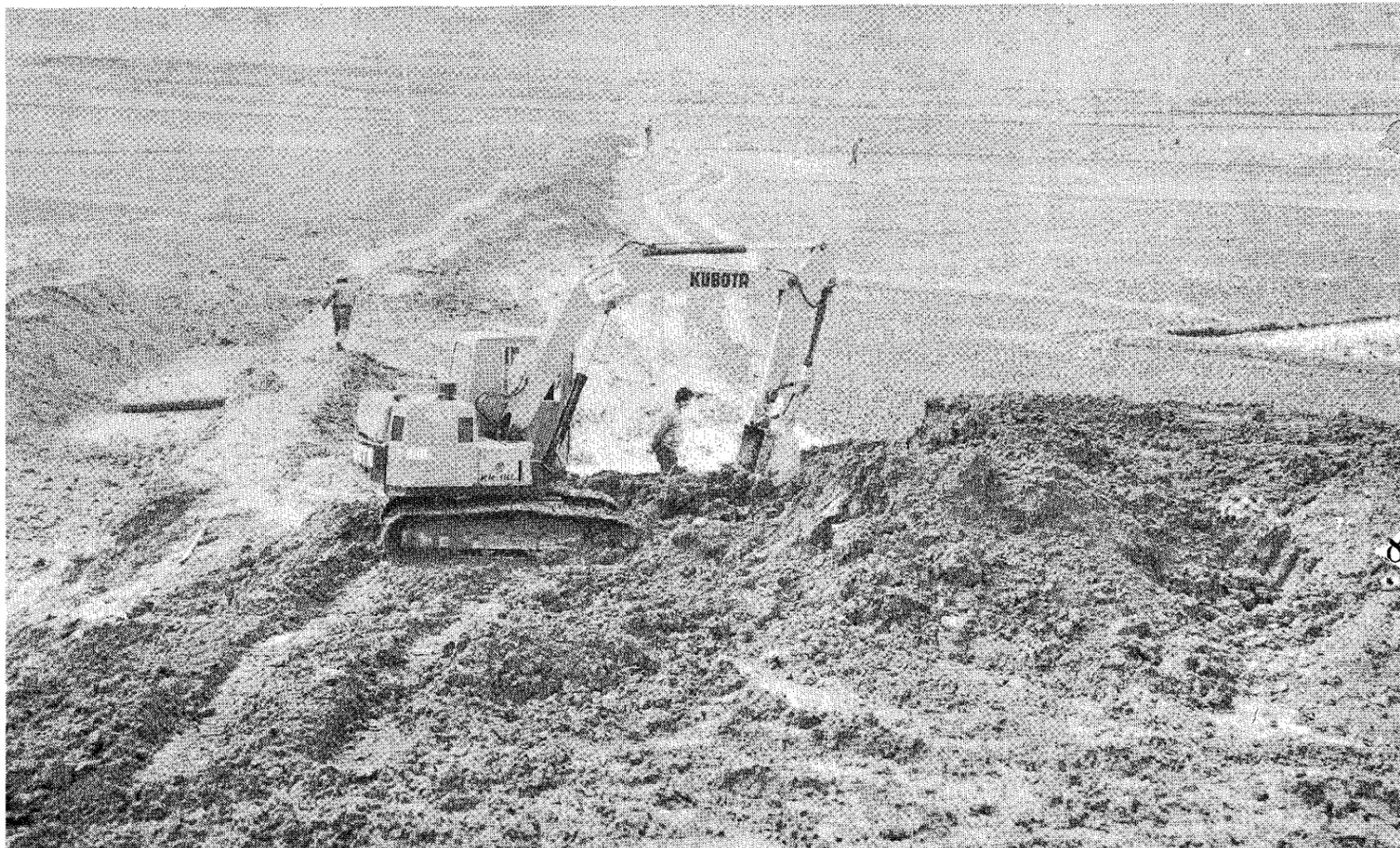
Maj. Griffith and Shin, Chae Ha inspect the riverbank protection part of the project.



# the fuel coming



*Backhoe fills the excavated area north of the river.*



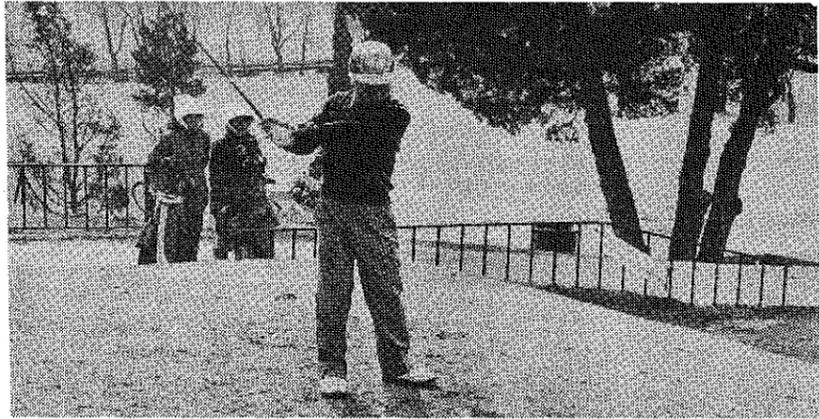
*Backhoe readies fill for the southern excavation area, shown in the left and center of the photo.*

# DISTRICT HAPPENINGS

## Duffers first outing for 1983

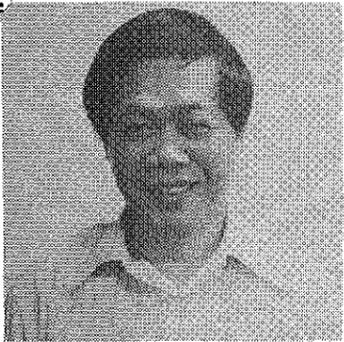
The first 1983 Engineer Golf (Duffer) tournament was held March 8th and several district employees enjoyed a sunny, if brisk, day. Robert Scott (R&U) was the tournament Champion with a handicapped score of 57. Kim, Hyong Su (Civil/Drafting) was the tournament Medalist

with a nonhandicapped score of 83. SFC Harold Wingo (Area III Project Office) and Han, Moon Yong (Combined Defense) took second and third places, respectively, with handicapped scores of 65 and 67. All district duffers are invited to participate in the next tournament,

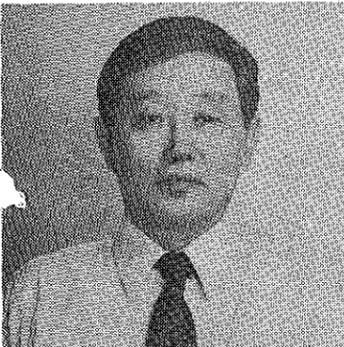


Kim, Che Nam (S+I) tees off.

## New fed faces



Rogelio Salagado is the new mechanical engineer in Military Branch. He has transferred from the Combined Field Army.



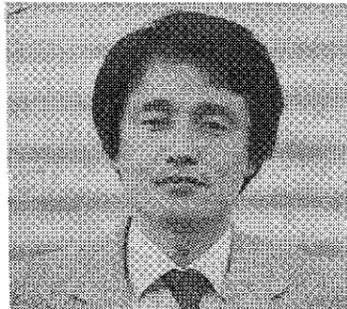
Pak, Young On is also a mechanical engineer and is assigned to the Supervision and Inspection Branch. He has come from the General Services Agency in Washington, D.C.

## Military branch leads bowling race

As the FED Bowling league neared the midway point of its 20-week season, the military branch team, consisting of Yi, Kun Chang, Dick Davis, Rich Ulrich, Stan Glatt, Steve Hanson, Ted Thomas, and Sin, Chae Ha, led the pack. Taking the honors for top scratch average was Yi, Kun Chang (Eng. Comb. Def.) with a 186. Choe, Kwang Hui (Civil/Drafting) followed with a 178.

### STANDINGS AS OF MARCH 2nd

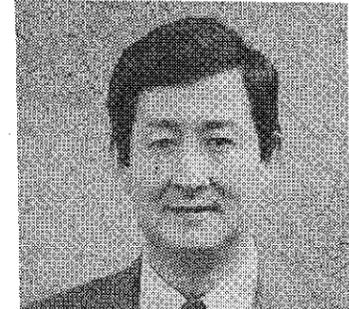
|                         | WON  | LOST |
|-------------------------|------|------|
| Military Branch         | 22   | 10   |
| Tech Review Section "A" | 20   | 12   |
| Arch/Strc Section       | 19   | 13   |
| Civil/Drafting Section  | 17   | 15   |
| F/M Branch              | 17   | 15   |
| Mech/Elect Section      | 16.5 | 15.5 |
| Tech Review Section "B" | 15   | 17   |
| Construction Division   | 15   | 17   |
| Mech/Elect Section "B"  | 11   | 21   |
| Motor Pool Branch       | 7.5  | 21.5 |



Kim Se Tong is an electrical engineer in Design Branch. He comes to us from the Seoul Electrical Construction Corporation.



Milagria Sangalong is the new funds control specialist in Office Engineering Branch. She has come from the U.S. Army Finance and Accounting Office in Washington, D.C.



Lee, Jae Eun is the newly arrived editorial assistant in the Public Affairs Office. He worked for Automated Business Systems and Services in Hyattsville, Maryland.

June 3rd has been set for the district's 26th birthday celebration, known as Organization Day. It will again be held in the motor pool area. Committees are already being formed to insure a successful and enjoyable day for the entire district family. Contact CPT Laughlin (Aviation) if you suggestions regarding Organization Day activities.

## Upcoming Events

- |  |                     |
|--|---------------------|
| National Secretary's Week Observance       | — 3rd Week April    |
| Hail and Farewell                          | — Late April        |
| Organization Day                           | — 3 June            |
| LTG Bratton Visits                         | — Week of June 13th |
| Visit to St. Vincent's Amerasian Orphanage | — 10 April          |
| Spring Picnic Song Ae Won Orphanage        | — 15 May            |



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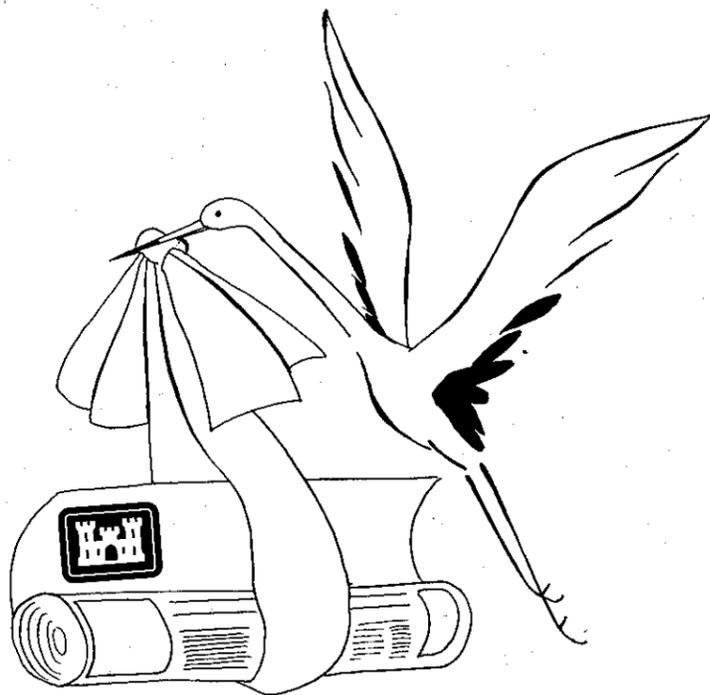
SEOUL, KOREA VOL. 1 NO. 1 MARCH 1983

## 이름을 지어줘요, 나는 당신의 것

나는 신문같이 보이지만 이름을 지낼때까지는 그렇게 안느껴져요. 부디 여러분의 의견을 공보실로 보내주세요. 내 이름이 뽑혀지면 새 이름과 함께 작명(作名) 해주신 분도 이 신문 초판(初版)에 눈에 띄게 내드릴게요. 여러분이 보내주신 이름들은 우리 지구(地區) 공병단 각부처(各部處)의 대표들로 구성된 위원회에 의해서 심사 된대요. 최종심사에 오른 이름 세개가 투표용지에 인쇄되어 우리 지구공병단 근무자 모두에게 보내진대요.

그러니 어느 하나를 뽑을까 생각해 주세요.

예정대로 차호(次號)를 인쇄코자 하오니 여러분의 고견(高見)을 4월 15일까지 공보실로 알려주시기 바랍니다.



## 오산의 비행기 차폐시설(遮蔽施設), 대구의 학교 헌당식(獻堂式)

2월에 들어서 2개의 주요한 프로젝트가 완성되어 기념식이 오산과 대구에서 각기 거행되었다. 2월 16일에 오산 공군기지에서 9개의 비행기 차폐시설(遮蔽施設)이 완공된 기념으로 테이프가 끊겼다. 미화 1천 10만불이 소요된 이 공사는 지난 1981년 3월부터 진행되어왔다. 차폐시설마다 90초 이내에 열릴수 있는 2개의 85톤되는 문들이 비치되어있

다. "범양 건설"에 의해 건조된 이 비행기 차폐시설은 현위치 위장(偽裝) 차폐문을 지니고 있는 세계 최초의 것이다.

2일후에는 "Camp George"에서 대구 미국인 학교가 새로이 봉헌(奉獻)되었다. "삼일 기업"이 미화 3백 65만불에 지었고 600명의 학생들이 수용 될것이다. 1981년 가을부터 공사가 진행 되어있었다. 이 학교는 국민학교와 중고등학교 겸용이며

체육관, 다목적 교실과 운동장 그리고 여러가지 특별활동이 가능한 교실들을 포함하고 있다. 중고등학생은 이미 신교사로 옮겨졌으나 국민학생은 가을 학기까지 기다릴 것이다. 신학년도에는 따뜻한 점심을 마련할수 있는 시설이 때맞춰 부설(附設) 될 것이다. 모진 날씨 때문에 서울을 떠날수 없었던 "페레노" 대령 대신에 "마이클 모리아리티" 대위가 본 지구

공병단을 대표해서 참석했다.

대구 미국인 학교는 지난해 세번째로 미-극동지구공병단에 의해서 완공되기로 되었었다. 오산에 위치하는 국민학교는 지난 여름에 새롭게 완공되었고, 서울 미국인 중고등학교는 현학년도에 마춰서 예정보다 앞당겨 신축되었다. 부산 미국인 중고등학교는 지금 새로이 건설중이다. 오는 가을까지는 반드시 완공될것이다.



"페레노"대령과 "윌리엄스"건설부장이 오산의 비행기 차폐시설(遮蔽施設)에 관하여 미 공군장교들과 토의를 하고 있다.





# 조치원 프로젝트 : 중단없는

송유관(送油管), 이야말로 한국 방위의 생생한 피 바로 이것을 펌프질 해서 보내는 동맥이다. 이 송유관은 직경이 10인치이고 전장(全長)이 350마일 이상되며 지하로 포항서 서울까지 연결하고 있다. 이는 한미 공동의 노력으로 1969년에 건설되었다.

이 송유관이 다치면 우리의 안보(安保)가 진통을 겪는다. 지난 여름 이 송유관이 조치원을 지나가는 유역에서 파손되었을때 주의를 급히 환기 시킨 바 있다. 긴급수리 요청에 의거 미 제19 지원사령부 소속 PDSK(송유관 관리처)가 수리했으나 파손원인의 제거는 속제로 남겨져 있다. 송유관은 원래 하상(河床)밑에 건조되었으나 수년에 걸쳐 강바닥이 물에 유실되어(流失) 송유관이 노출되고 흐르는 물의 압력에 시달리게 되었다. 송유관이 보호되지 않는 한 결국은 다시 파손될 우려가 있다.

12월의 PDSK는 이 문제에 대한 보다

영구적인 해결방안을 얻기 위한 프로젝트를 미 극동지구 공병단에 의논해왔다. 송유관을 하상밑으로 더 깊이 묻는 방법, 강철 파일을 박고서 송유관을 고정시키는 방법, 인접 강둑 제방을 고치는 방법 등을 결정하기 전에 이 두 관련부대는 여러가지 취할수 있는 행동 방안을 검토했다.

그러나 이 행동방안의 실행은 별도의 문제였다. 송유관은 높은 물살의 압력을 막지 않고 낮춰줘야 했고 봄의 홍수가 송유관을 다시 파손 시키기 전에 복구되어야 했다. 강이나 강둑 제방아래 부분을 포함해서 4분의 1이상이나 되는 송유관이 들어 내져야 될지도 모르는 일이었다. 또한 이 공사는 인근 논이나 보리밭에 손상을 최소화함으로써 줄이면서 끝내야 했다.

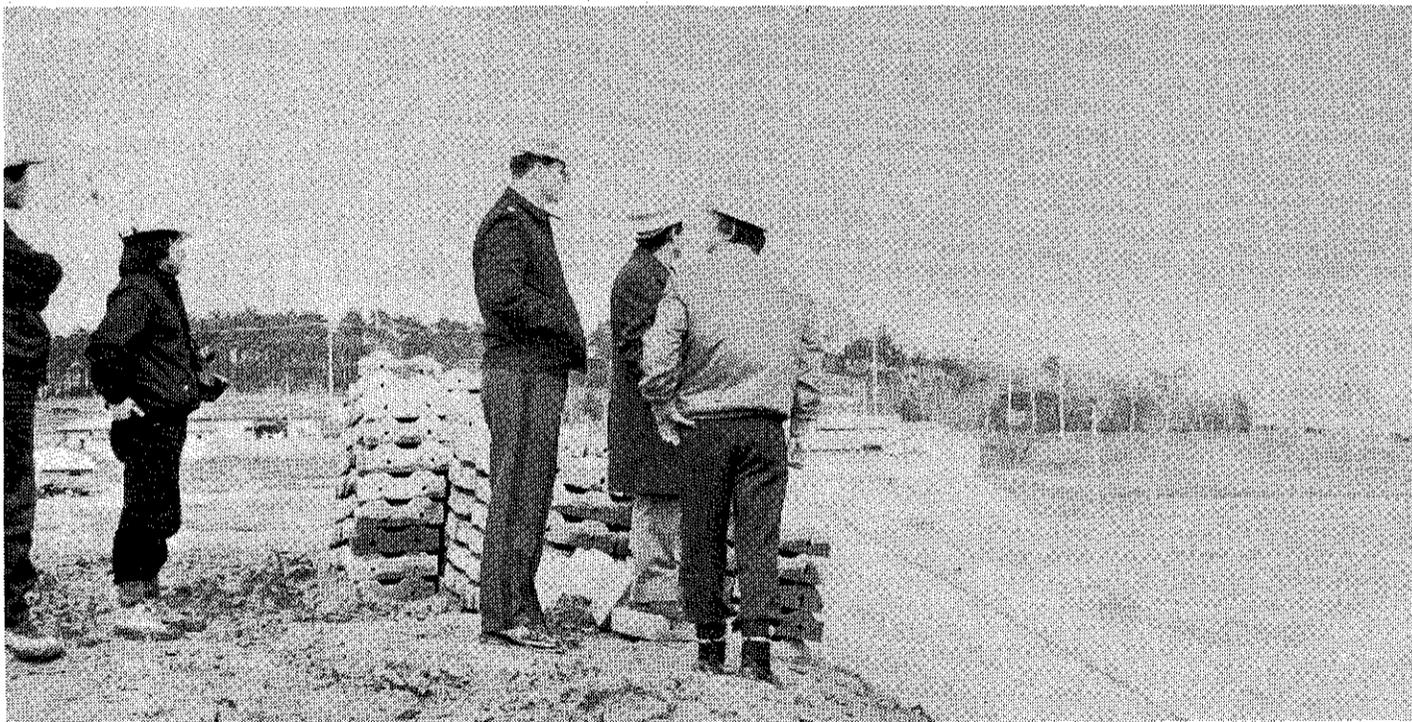
극동지구 공병단은 송유관의 긴급 수리를 위해서 "쌍용 건설"과 미화 11만 2

천 2백불의 계약을 체결 함으로써 대처했다. 용의주도한 조항들이 건설절차를 위해 준비되었고 건설도중 파손 사고에 대비해서 PDSK에 통보해주는 긴급 통신 방법이 마련되었다. 안전사고(安全事故) 예방 조치가 고압선으로부터 노무자들을 보호 하기 위해 고안 되었다. 계약은 1월 5일에 체결 되었고 "쌍용 건설"에게는 공사 진행을 위한 통보가 즉시 전달 되었다. 실제 작업은 대부분 중장비(重裝備)를 사용함으로써 되었지만 송유관 근처는 파열의 위험을 피해 손으로써 흙을 제거했다. 이때금 잠함(Cofferdam)들이 낮춰지는 송유관의 특정 부분으로부터 강물의 방향을 돌리기 위해 강속에 세워져야만 했었다.

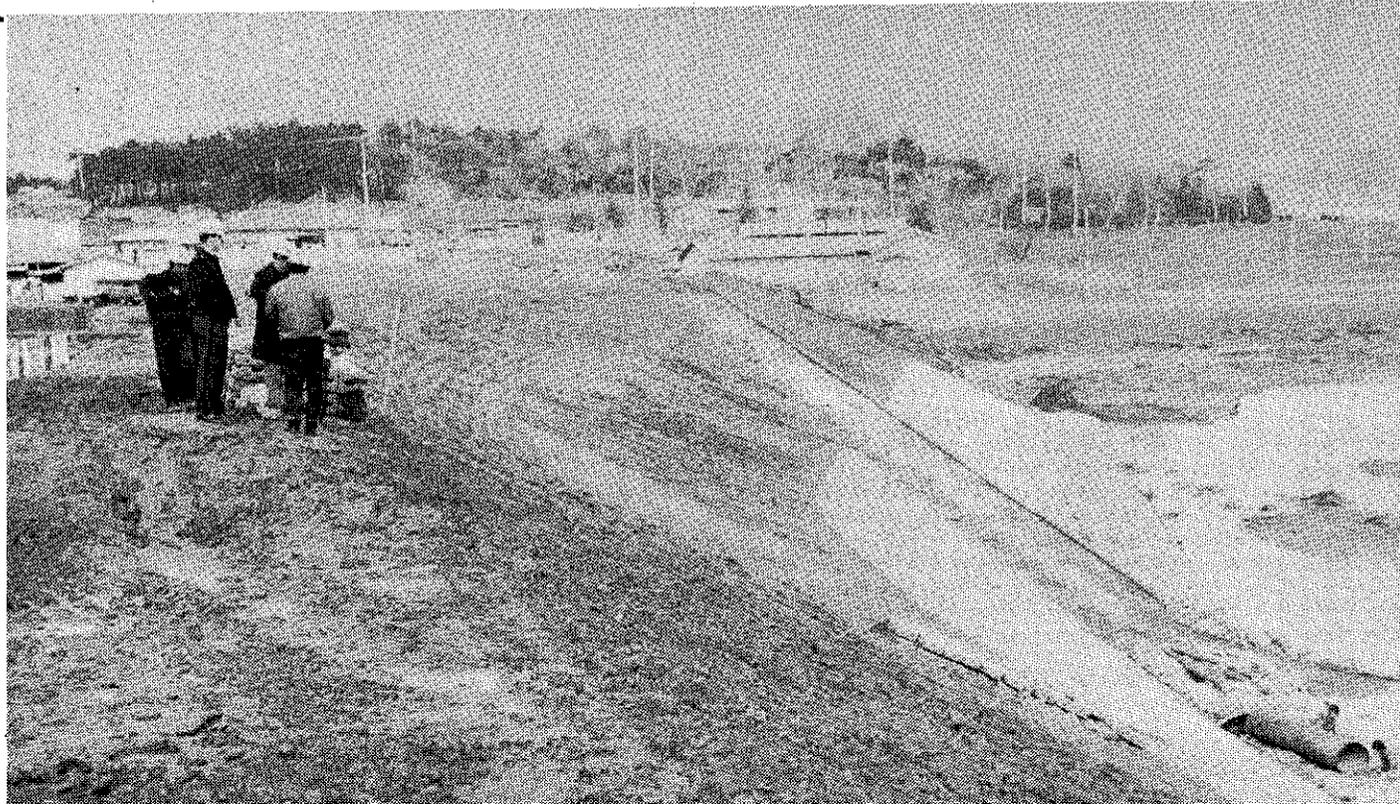
"쌍용 건설"의 재래형 파일을 박는 장비가 멀리 떨어진 위치에는 미치지 못하는 까닭에 강철 파일은 통상적인 방법대로 박히지 않았다. 목제탑(木製塔)이 파일 위에 세워졌고 1톤 반짜리 무게가 감아 올려졌다 내려졌다 하면서 파일을 박

았다. 올리고 내리는 동력은 바로 옆에 있는 장비로부터 얻었다. 만일 조물주가 두번 아니고 한번만 방해했어도 이 작업은 할당된 시간의 '반정도에서 아마도 완료 되었을 것이다.'

한차례 2월 중순의 눈보라가 작업현장을 흰눈으로 뒤덮었고 중장비가 작동할 수 없었던 까닭에 작업은 2주 이상이나 중단 되었다. 이 차질(差跌)에도 불구하고 "쌍용 건설"은 3월 4일까지 끝낼수도 있었으나 3월 1일과 2일 사이에 내린 호우(豪雨)가 강을 만수(滿水)시키고 수중작업을 못하게 하였다. 하여간 공사는 예정보다 훨씬 앞당겨 3월 중순경에 완료될 전망이다. 극동지구 공병단과 PDSK 그리고 한국 민간 건설업체가 이 다루기 어려운 프로젝트를 둘러싸고 잘 합심해서 일할 수 있다는 것을 보여준것은 다행한 일이다. 송유관이 한국내의 많은 하천(河川)을 가로 건느고 이와같은 일이 되풀이 될수 있기에 참으로 잘된 일이라 하겠다.



부단장 "그리휘스" 소령과 부동산 담당관 신재하씨가 건설회사 대표와 프로젝트에 관하여 토의를 하고 있다.

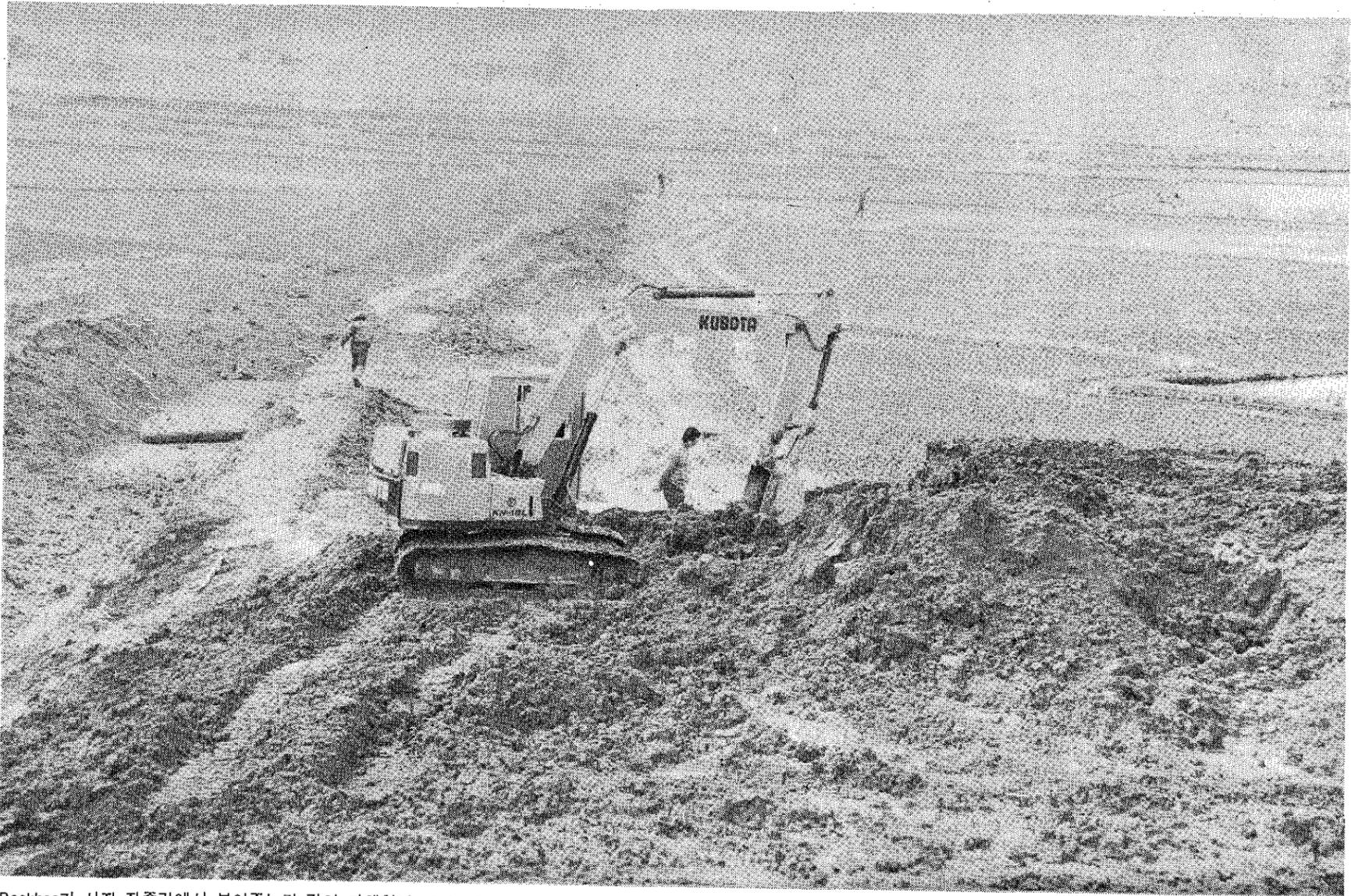


"그리휘스" 소령과 신재하씨가 제방 공사를 검열하고 있다.

# 송유 (送油)



Backhoe가 강북쪽의 파헤쳐진 곳을 덮고 있다.

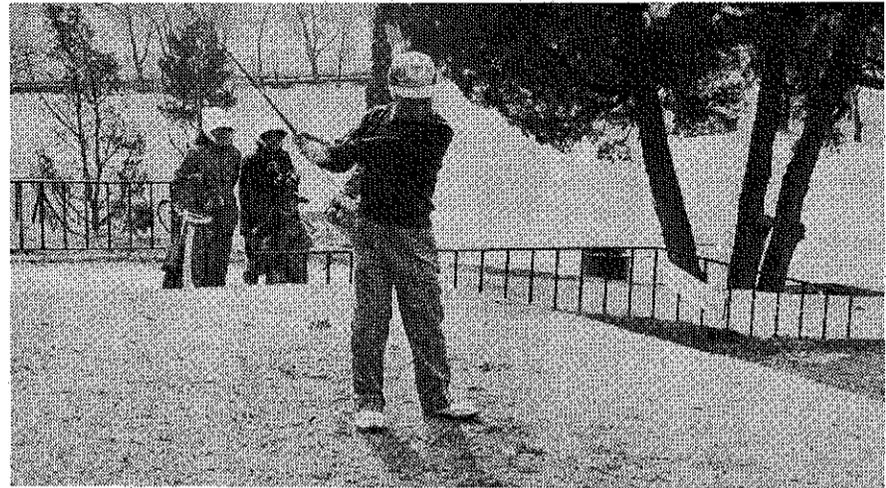


Backhoe가 사진 좌중간에서 보여주는것 같이 파헤쳐진 강남쪽을 덮을 흙을 표시하고 있다.

# 지구(地區) 소식

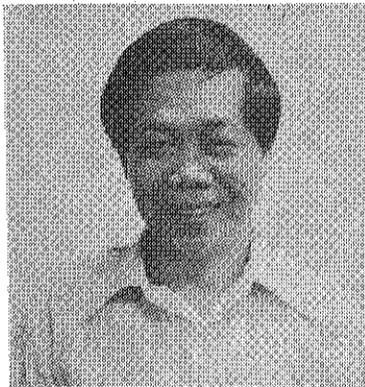
## “더월스”의 '83년 첫 나들이

제 1 회 1983년 공병 골프 토나먼트가 3월 8일에 거행되었고 본 지구공병단 근무자들이 맑고 상쾌한 하루를 즐겼다. “로버트 스콧”(R&U 근무)가 핸디 57점으로 우승자가 되었다. 김형수(Civil/Drafting 근무)는 노-핸디 83점으로 메달리스트가 되었다. SFC “해롤드 윙고”(Area III Project Office 근무)와 한문영(Combined Defense 근무)은 핸디 65점과 67점으로 2위와 3위를 각기 차지했다. 다음 토나먼트에 본 지구공병단 골프회원 전원의 참가를 바라고 있다.



김 제남(Superv/Insp 근무) 씨의 제 1 구.

## 인사(人事)



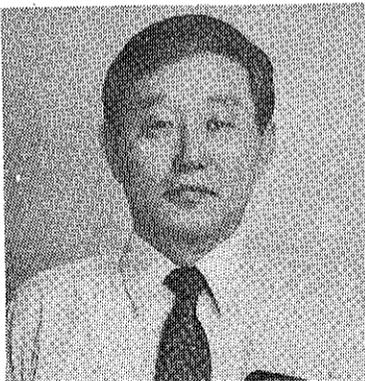
로젤리오 살라가도(Military Branch 근무)  
Mechanical Engineer  
연합야전군 으로부터 전임(轉任)됨.

## 보울링 경기, Military Branch가 리드

3월 제 2 주 전적.

FED 보울링 리그가 20주(週) 씩-준의 증반에 가까움에 따라 이 근창, 덕 데이비스, 리치 울리치, 스티브 헨슨, 테드 토마스, 그리고 신 재하로 구성된 Military Branch팀이 경기를 리드하고 있다. 이 근창(Eng. Comb. Def. 근무)가 186점으로 평균 최다득점의 영예를 차지했고 최 광희(Civil/Drafting 근무)가 178점으로 2위를 차지했다.

|                         | 승    | 패    |
|-------------------------|------|------|
| Military Branch         | 22   | 10   |
| Tech Rev Section "A"    | 20   | 12   |
| Arch/Strc Section       | 19   | 13   |
| Civil/Drafting Section  | 17   | 15   |
| F/M Branch              | 17   | 15   |
| Mech/Elect Section      | 16.5 | 15.5 |
| Tech Review Section "B" | 15   | 17   |
| Construction Division   | 15   | 17   |
| Mech/Elect Section "B"  | 11   | 21   |
| Motor Pool Branch       | 7.5  | 21.5 |



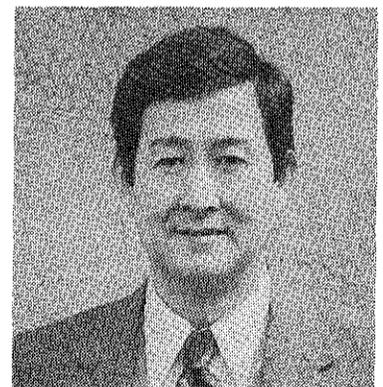
박 영은(Superv/Insp Branch 근무)  
Mechanical Engineer  
워싱턴 DC에 있는 GSA로부터 임용됨.



김세동(Design Branch 근무)  
Electrical Engineer  
서울 전기건설 주식회사로부터 임용됨.



밀라그리아 산가롱(Office Eng. Branch 근무)  
Funds Control Specialist  
미육군성 Finance and Accounting Office로부터 임용됨.



이 재은(public Affairs Office 근무)  
Editorial Assistant  
Maryland주에 있는 ABSS사(社)로부터 임용됨.



**US Army Corps of Engineers**  
Far East District

6월 3일은 “올가니제이슨 데이”로 알려진 본 지구공병단 창립 26주 축하 기념일이다. 축하 행사는 모터풀에서 거행될 예정이다. 공병단 근무자 전원을 위하여 즐겁고 성공적인 하루를 준비하는 위원회가 벌써 구성되었다. “올가니제이슨 데이” 행사와 관련해서 좋은 의견이 있으면 항공대 소속 “로린” 대위에게

## 차호(次號)의 내용

|                      |             |
|----------------------|-------------|
| 전국 비서(秘書)의 날 기념..... | 4 월의 세계주(週) |
| 환영과 환송.....          | 4월말         |
| 올가니제이슨 데이.....       | 6월 3일       |
| “브래튼” 중장의 방문.....    | 6월 13일      |
| 성(聖) 빈센트 고아원 방문..... | 4월 10일      |
| 성애원의 봄 들놀이.....      | 5월 15일      |