



US Army Corps
of Engineers®
Far East District

EAST GATE EDITION

MARCH 2014 VOL. 23, NO. 3

District presentation exposes engineering field to students

By Stephen Satkowski
FED Public Affairs

The U.S. Army Corps of Engineers Far East District participated in Engineer Day at Seoul American High School on U.S. Army Garrison Yongsan Feb. 20.

The Far East District presented 11 technical demonstrations, each delivered by subject matter experts, with a concentration on real-world engineering currently taking place on U.S. military installations in Korea.

Sophomore Sam Mitchell, an aspiring future engineer, took a keen interest in the event.

“It’s a good way to get a basic knowledge of the different engineering jobs,” said Mitchell. “I like building things. Building bridges and architecture interests me. I’m interested in having engineering as my major in college.”

Mitchell was most interested in the ‘sustainability in engineering design’ presentation by civil engineer Jennifer Yoon and architect Shim, Ka-young, part of the “green” efforts by the district.

“They (Yoon and Shim) were really friendly and gave a really good presentation and I’m very environmentally conscious,” said Mitchell. “Engineering can be a bit overwhelming but they made it easy to understand and it was good to see how they are modernizing engineering and are making it greener.”

Yoon and Shim’s presentation concentrated on new ways engineers

are designing buildings, making them more efficient and earth friendly.

“By applying sustainable design methods into new and existing developments we increase the efficiency with which buildings and their sites use energy, water and materials and reduce building impacts on human health,” said Yoon.

Continued on page 5



Dr. Chon Song-u, Geologist, Environmental Section, talks to Seoul American High School students about environmental remediation during engineer day, Feb. 20. (Photo by Stephen Satkowski)



Sgt. Major's Corner

By Sgt. Maj. David Breitbach
FED Sergeant Major

It's hard to believe that spring is just right around the corner. Back in the United States, proof that spring is only weeks away, under the bright, warm, sun in Arizona and Florida, Major League Baseball spring training is in full swing.

Every team has high expectations and goals: Winning their respective divisions and competing for a World Series crown. Everyone on those teams has roles and responsibilities, from the general manager down to the locker room attendant. Each and every one is doing their best to help the team reach their goals.

Here in Korea, the Far East district will also begin a new season: A season of new construction springing from the ground. As the weather heats up so will the pace of construction at U.S. Army Garrison Humphreys.

The Far East District team, like any team, is dependent on everyone on the roster to perform at a high level to reach our goals. We don't measure success in wins and losses. We measure success on quality, safety, and timely delivery to our customers.

For those of you who know me, you know that I am fanatical about three things; baseball, golf and construction. It's the construction that has financed the other two for many years. I am always fascinated about the really large construction projects that make headlines, and recently one in particular caught my attention.

In Los Angeles, a Guinness world record was set for the largest continuous placement of concrete. I have worked on a couple of really big projects but nothing as massive as what took place in Los Angeles.

The developers of the project in LA are building what will be the tallest building west of the Mississippi river: A 73 story skyscraper.

The foundation for this future structure required an excavation of a site the size of a football field and 106 feet deep approximately 210,000 cubic yards of soil. That's an impressive site. So, what does that have to do with us?

We have a project that is even bigger than the one in Los Angeles. Well, at least the excavation is. The future Korea Command Operations Center facility site excavation at USAG Humphreys is nearly complete.

Continued on the next page



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Check out the Far East District web site at
www.pof.usace.army.mil

Sgt. Major's Corner

Continued from the previous page

When the last of the ramp to the pit is removed and the wall stabilization completed approximately 410,000 cubic yards of soil will have been removed. That's nearly twice the amount of the job in Los Angeles. Now that is impressive!

To appreciate the magnitude of the first phase of this project one has to see the sheer size of the excavation site. When you look down into the site you see the walls of the site dwarf the digging machines. It's an extraordinary construction site.

Could the KORCOM project break the new Guinness record for the largest continuous concrete placement? Setting the record took six concrete batch plants supporting 2,120 trucks delivering 21,200 cubic yards of concrete, a dozen

concrete pump trucks, hundreds of workers and 26 straight hours; all without a single mishap or injury.

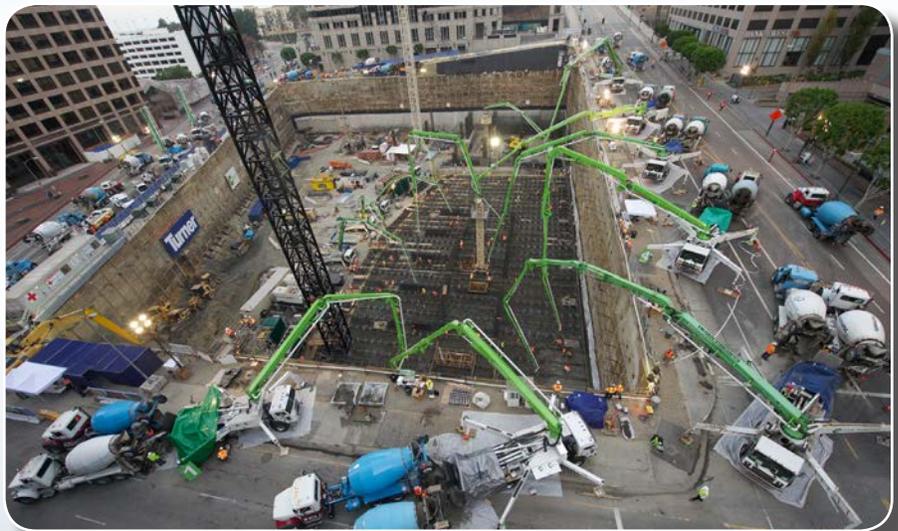
Clearly, the engineers developed a meticulous plan and all the moving pieces were well choreographed. Breaking the record would be a monumental feat.

The Far East District will be making its own history this year. By the end of April over 90 percent of the programmed construction for Humphreys will be under way.

Soon the sound of pile drivers hammering thousands of piles deep into the earth will echo throughout the area, piles that will eventually bear the concrete and steel of more than 300 structures as they rise from the ground.

Success in our line of work is not the product of a few people but by everyone doing their part, doing the best they can do.

(right) The excavation site of the Wilshire Grand Hotel in Los Angeles, a Guinness world record holder for the largest continuous placement of concrete. (Photo courtesy of the Turner Construction Company)



Future Korea Command Operations Center facility site excavation at U.S. Army Garrison Humphreys. When it is completed nearly 410,000 cubic yards of soil will be removed. (FED file photos)

Engineer represents district at Black Engineer of the Year Award banquet

By **Stephen Satkowski**
FED Public Affairs

Hunter Dandridge, deputy resident engineer at the U.S. Army Corps of Engineers Pyeongtaek resident office, represented the district at the annual Black Engineer of the Year award banquet in Washington D.C. Feb. 6-8.

“It’s a wonderful place for the next generation to learn and talk to the best in our field,” said Dandridge. They can see what minorities are doing to help make our society a better place.”

The banquet is a collage of workshops, job fairs and award presentations for minorities in the science, technology, engineering and math career field. It showcased nearly 100 different companies as well as government agencies including the U.S. Army Corps of Engineers.

“I felt so grateful to be among the chief executive officers of major companies such as Boeing, Northrop Grumman and so many more. I am in awe of these people,” said Dandridge. “They have great minds and find solutions to difficult problems.”

Dandridge received the Blair Trailblazer award at the banquet four years ago in recognition for his work at the Pyeongtaek resident office.

Former district award winners include Anisha Downs, project manager

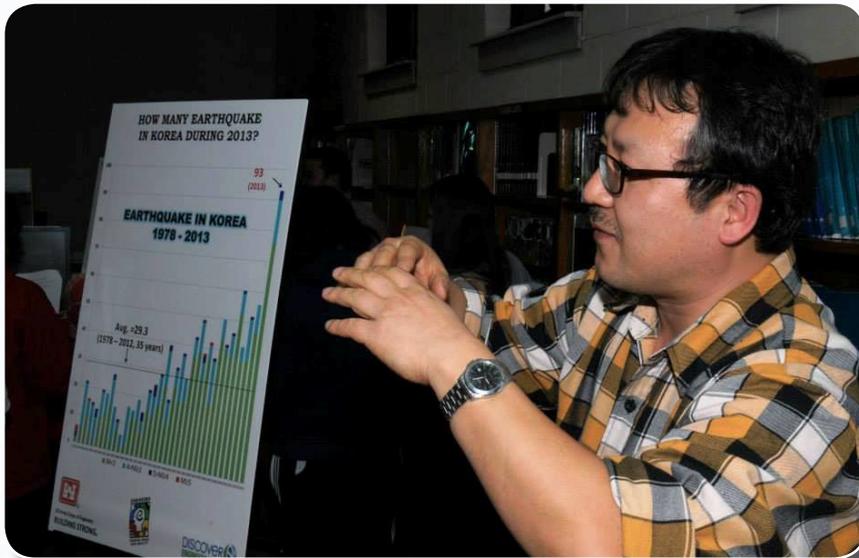
at the Korea Program Relocation office, who received the Blair Trailblazer of the Year award last year, and former Far East District commander and current commander of the South Pacific Division, U.S. Army Corps of Engineers, Brig. Gen. Clarence Turner, who previously received the Black Engineer of the Year award.

Hunter Dandridge, deputy resident engineer at the Pyeongtaek resident office, poses for a picture at the Black Engineer of the Year banquet in Washington D.C., Feb. 7. (Photo provided by Hunter Dandridge)



District exposes engineering to students

Continued from page 1



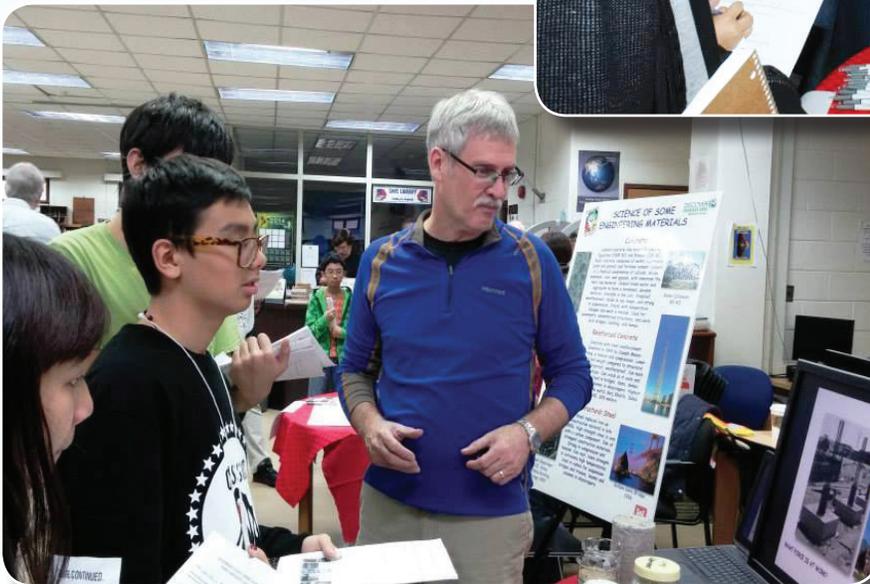
Irby Miller, superintendent of schools for the Korea district, said presentations like these expose students to what life is like as an engineer and was appreciative of the effort by the Far East District.

“I want to thank the U.S. Army Corps of Engineers for doing such an outstanding job in promoting engineers day,” said Miller. “This is a true hands on experience where the Far East District is rolling up their sleeves and being an active participant in the education of our students.”

(above) Pak Song-hyun, Geotechnical and Environmental Engineering Branch, talks to Seoul American High School students about earthquakes on the Korean Peninsula during engineer day, Feb. 20.

(right) Lt. Col. Julie D’Annunzio, Far East District Deputy Commander, answers questions from Seoul American High School students during engineer day, Feb. 20.

(below) Doug Bliss, chief of Geotechnical and Environmental Engineering Branch, talks to Seoul American High School students about science of engineering materials during engineer day, Feb. 20. (Photos by Stephen Satkowski)



This presentation was part of the U.S. Army Corps of Engineers and the Department of Defense Schools Korea District education partnership agreement signed on March 7, 2013, at Seoul American High School. The partnership centers on support for the science, technology, engineering, and mathematics initiative.

FED held an observance in honor of African-Americans



The U.S. Army Corps of Engineers Far East District held an observance Feb. 21 in honor of African-American Heritage Month. Second Infantry Division Rock Band performed three songs and a guest speaker was Col. Angelia D. Farnell, Secretariat of the Combined Joint Staff United Nations Command, Combined Forces Command, and U.S. Forces Korea. (Photos by Stephen Satkowski)

Col. Green meets Kunsan engineers



U.S. Army Corps of Engineers Far East District Commander and Engineer Col. Bryan S. Green, (front left) speaks to U.S. Air Force civil engineers during officer professional development at Kunsan Air Base Monday, Feb. 24. (FED file photo)

This month in FED History



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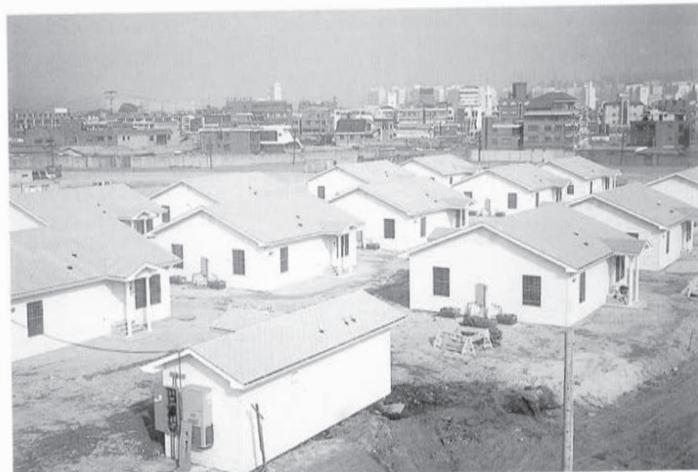
Pre-fab duplexes will provide transitional housing for 50 CRC officers

The grass isn't planted and the furniture hasn't arrived yet for 25 new pre-fabricated duplexes at Camp LaGuardia, but the nearly completed \$2 million project will soon provide transitional quarters for 50 officers stationed at Camp Red Cloud. Officers will live in the duplexes until two new MCA 48-person bachelor officer's quarters (BOQs) are built at CRC. The new BOQs are scheduled for completion in the fall of 2001 and will have the same space and amenities as the 400-sq. ft. duplex units.

This is the first time the Far East District has acted as the government agent to supply building materials. The duplexes are basically kits. Everything was picked from a catalog, manufactured in the U.S., shipped over here, and then assembled by a contractor here on the peninsula.

Pitched roofs, a different siding, semi-covered porches were custom options specified by the district for inclusion in the custom designed kits.

Rather than concrete foundations, steel skids were used so that the duplexes can be moved.



These pre-fabricated duplex will provide housing for officers stationed at Camp Red Cloud while two new 48-person BOQs are being built. The \$10 million BOQs are part of the flood supplemental and are scheduled for completion in the fall of 2001.

Each unit has one bedroom, a combined living/dining area, a fully equipped kitchen and a bathroom.

"There have been some challenges on this project," said Mr. Lynn Ray, Project Manager, Programs and Project Management Division (PPMD). "The major one was finding space in the Uijongbu area that would hold 25 duplexes and also had access to Camp Red Cloud."

"Another challenge was the lack of utility, sewer, and water line accessibility," Ray added.

The transitional BOQs were turned over to the DPW on March 10, 2000, with officers expected to move in late March or early April.



Inside

FED's "Tae Kwon Do" Kim referees 2000 U.S. Open Taekwondo Championships see page 5
Construction Division has "Change of Cup" Ceremony see page 6
Engineer Week Events see page 7
New FED Team Members see page 8



EEO CORNER

2014 National Women's History Month Theme "Celebrating Women of Character, Courage and Commitment"

FED Equal Employment Opportunity

National Women's History Month is an opportunity to honor and celebrate the historic achievements of women.

By 1986, 14 states had already declared the month of March as Women's History Month. This momentum and state-by-state action was used as the rationale to lobby Congress to declare the month of March as National Women's History Month in 1987.

In 1987, Congress declared March as National Women's History Month in perpetuity. A special presidential proclamation is issued every year which honors the extraordinary achievements of American women.

Each year National Women's History Month employs a unifying theme and recognizes national honorees whose work and lives testify to that theme.

This year's theme honors the extraordinary and often unrecognized determination and tenacity of women. Against social convention and often legal restraints, women have created a legacy that expands the frontiers of possibility for generations to come.

They have demonstrated their character, courage and commitment as mothers; educators; institution builders; business, labor, military, political

and community leaders; relief workers; engineers and CEOs.

Their lives and their work inspire girls and women to achieve their full potential and encourage boys and men to respect the diversity and depth of women's experience.

The Far East District gives sincere thanks and appreciation for the past and present contributions our women of character, courage, and commitment have made.

As a tribute to all women, the Far

East District will celebrate National Women's History Month on March 20 at 1:30 p.m. in the East Gate Club. Our honored guest speaker will be the district's deputy commander, Lt. Col. Julie A. D'Anunzio.

We know there is strength in diversity. In celebrating National Women's History Month, we not only emphasize Women's significant contributions, but also the value the Far East District places on diversity.





Building **Safety** Strong ARMY SAFE IS ARMY STRONG



Spring Safety Tips

By Richard Cruikshank

MARCH 2014

Highlights

- Yellow Dust
- Hiking
- Biking
- Cleaning
- Sports



Far East District Safety Office Contact Information

DSN: 721-7288 /
7114 / 7385 / 7670

753-5591 / 5590

COMM: 050-33 + Last
6 digits

Spring is here!! Finally, we can start to enjoy the outdoors again. Hiking, biking, sports, and, unfortunately, yellow dust. This is also a great time to clean up those cubicles. Below are some tips to keep you and the family safe.

Yellow Dust— You have to love the irony. It finally gets warm enough to enjoy the outdoors but the air gets so dirty no one wants to. You don't have to be a hermit anymore. The link below provides information for all of Korea's yellow dust levels and health advisories, for here and where you're traveling. <http://www.korea.amedd.army.mil/webapp/yellowSand/>

Hiking—Time to hit the peaks. Seoul is an excellent place to begin the hiking addiction that has dominated Korea. No matter where you choose to hike, let someone know where you're going and when you expect to return. Also, pack a backpack with items to account for weather changes. Don't forget some first aid items, plenty of water, and a flashlight (just in case).



Biking—Seoul has more than 6,000 cycling routes which can add up to many kilometers of fun and adventure. I know I will be getting my bike out very soon. But first, I will be getting a tune up and making sure I have my tire tools and a few spare tubes. Remember to stay hydrated, be aware of the other bikers, and have fun. Enjoy Korea safely!

Cleaning— Open the windows, roll your sleeves up, and come move this couch. Well, that what I usually hear from my wife in the spring. Spring cleaning is always good, you find things you couldn't find all winter and once it's over you can enjoy getting out of the house. Just remember those chemicals at home can hurt you just as easily as the chemicals at work. Speaking of work, It wouldn't do any harm to organize those cubicles. Some are starting to look like the paper recycling drop-off in my apartment building.

Sports—Softball, soccer, 5K's... You name the sport, you or your children will probably be getting geared up for it. Protect yourself with the correct personal protective equipment for the sport you choose. Also, a good combination of water, electrolytes, and salt will help with your performance.

STAY SAFE AND HAVE A VIGOROUS SPRING

From the commander: ***Thank you for doing GREAT things:***

Congratulations to these employees who were recognized for their hard work and dedication!



*Terry Gillespie
Construction
Employee of the month for January*



*Cho Yong-ho
Engineering
Commander's Award*



*Ronald Lim
Contracting
Five Years of Service Award*



*William Crockett
Engineering
10 Years of Service Award*



*Kim In
Construction
10 Years of Service Award*



*Lee Jae-joon
Construction
10 Years of Service Award*



*Han Chong-hyon
Construction
15 Years of Service Award*



*Hong Song-kwon
Construction
15 Years of Service Award*



*Ho Sung
Construction
15 Years of Service Award*



Pak Chae-hyong
Programs and Project Management
15 Years of Service Award



Pak Chong-hye
Engineering
20 Years of Service Award



Kim Tu-ki
Engineering
35 Years of Service Award



Raymond Richardson
Construction
35 Years of Service Award



Yi Wong-ho
Engineering
35 Years of Service Award



Pak Chae-kyong
Contracting
35 Years of Service Award



Kim Tong-yun (left) and Kim Sun-mae (right) received a coin from Col. Bryan S. Green, Far East District commander, for their efforts on the new paperless contracting file (PCF) initiative. This initiative required additional work to scan and load all the contract documents into the records management system to be transmitted to paperless file. The two Kims quickly incorporated the new requirements and the Kunsan Resident Office has been 100 percent compliant since last August.

District employees recognized by ROK DIA



Col. Yi Kun-sop, deputy commander Defense Installations Agency, Kim Yon-tae, president of the Korean Construction Consulting Engineers Association pose for a picture with Chang U-ik (second from right), safety and occupational health specialist at the Pyeongtaek resident office, and Sang P. Lee (right), electrical engineer in construction division's quality assurance branch.

Chang and Lee were awarded a certificate of appreciation by the Korean Construction Consulting Engineers Association Feb. 27 for their work in training Ministry National Defense-Defense Installations Agency and Korean Construction Consulting Engineers.

(FED file photo)



*Bobby Davis
Construction
Came from Alaska District*



*Charles Wilson
Information Management
Came from 21st Theater Support, Germany*



*Michael Geer
Construction
Came from Seattle District*



*Capt. Ro, Tae (Mark)
Korea Program Relocation
Came from USFK, Yongsan*

In memory of Yim, Mi-sil...

Yim, Mi-sil (far right) passed away during the night of Feb. 25 at the age of 55.

An electrical design engineer with the Engineering Division, Yim was a valued member of our district family and she will be greatly missed.



Adrian Hernandez
Construction
Transferred to Fort Bliss, Texas



Bruce Park
Information Management
Transferred to San Francisco District



Jesse Bisette
Construction
Transferred to Alexandria, Vir.



Maurice Yoshikawa
Information Management
Transferred to Columbus, Ohio



Sgt. Major's Corner

By Sgt. Maj. David Breitbach
FED Sergeant Major

봄이 가까이 온 것이 믿기 어렵습니다. 미국에서 봄이 가까이 왔음을 알리는 행사로는 밝고 따뜻한 햇볕 아래 아리조나와 플로리다 주에서 개최되는 메이저리그 야구 봄 훈련이 있습니다.

모든 팀은 높은 기대치와 목표가 있습니다. 팀의 목표는 이들이 속해 있는 리그에서의 우승 또는 월드 시리즈 왕관을 차지하는 것입니다. 팀에 속해 있는 모든 사람은 매니저에서부터 탈의실 관리 직원까지 각자 역할과 책임이 있습니다. 모두 각자가 할 수 있는 최선을 다해 팀이 목표를 이루는데 도움을 주고 있습니다.

우리 극동공병단 또한 한국에서 새로운 시즌을 시작합니다: 새로운 공사가 시작될 것입니다. 날씨가 점점 뜨거워지듯 험프리즈 기지 공사도 뜨거운 열기를 받아 빠르게 진행될 것입니다.

우리 극동공병단 팀은 다른 팀과 마찬가지로 목표에 도달하기 위해 여러분 모두의 높은 성과가 필요합니다. 우리는 성공을 이득과 손실로 판단하지 않습니다. 품질, 안전, 그리고 고객에게 시기적절하게 전달하는 것으로 성공을 판단합니다.

저를 아시는 분들은 아시겠지만 저는 3가지에 열광합니다. 야구, 골프 그리고 건설입니다. 오랜 기간 동안 건설에 대한 관심이 직업이 되었고 다른 2가지에 대한 열정을

가질 수 있도록 금전적 도움을 주었습니다. 특히 신문기사 헤드라인을 장식하는 규모 큰 공사에 항상 흥미를 느끼고 있고 최근에는 한가지 공사가 저의 관심을 끌었습니다.

로스앤젤레스에서 지속적으로 가장 많은 양의 콘크리트를 사용해 기네스북 기록이 세워졌습니다. 저도 큰 규모의 공사 몇 개를 진행해봤지만 이처럼 큰 공사는 없었습니다.

로스앤젤레스에서 진행중인 공사는 미시시피 강 서쪽에서 가장 높은 건축물이 될 것입니다: 73층 고층건물입니다.

건축물 기반을 다지기 위해서는 기초공사로 미식축구 경기장 정도되는 부지에 깊이 106피트 약 210,000 입방야드의 흙을 파야 합니다. 인상적인 건축물이라고 할 수 있습니다. 그러면 이 공사가 우리와 어떤 관계가 있을까요?

우리에게는 로스앤젤레스에서 진행중인 프로젝트보다 더욱 큰 프로젝트가 있습니다. 정확한 크기로는 모르겠지만 굴착공사만큼은 큼니다. 험프리즈에 세워질 미래 한국전투사령부 기초공사가 마무리 단계에 있습니다.

마지막 흙이 구덩이로 옮겨지고 외벽이 안정화되면 약 410,000 입방야드의 흙이 제거된 공사가 됩니다. 이 수치는 로스앤젤레스 공사의 두 배가 되는 것입니다. 이것이 바로 인상적인 것입니다!

프로젝트 첫 단계의 규모를 이해하기 위해선 굴착현장을 직접 봐야 합니다. 굴착 현장을 내려다 보면 높은 외관 벽이 굴착기를 아주 작아 보이게 합니다. 놀라운 건설현장입니다.

한국전투사령부 프로젝트가 지속적으로 사용한 콘크리트 양이 새로운 기네스북 기록을 세울 수 있을까요? 현재 기네스북 기록은 6개 콘크리트 배치 플랜트가 21,200 입방야드의 콘크리트를 2,120대의 트럭이 운반하고 12개 콘크리트 펌프 트럭을 사용하여 100명 이



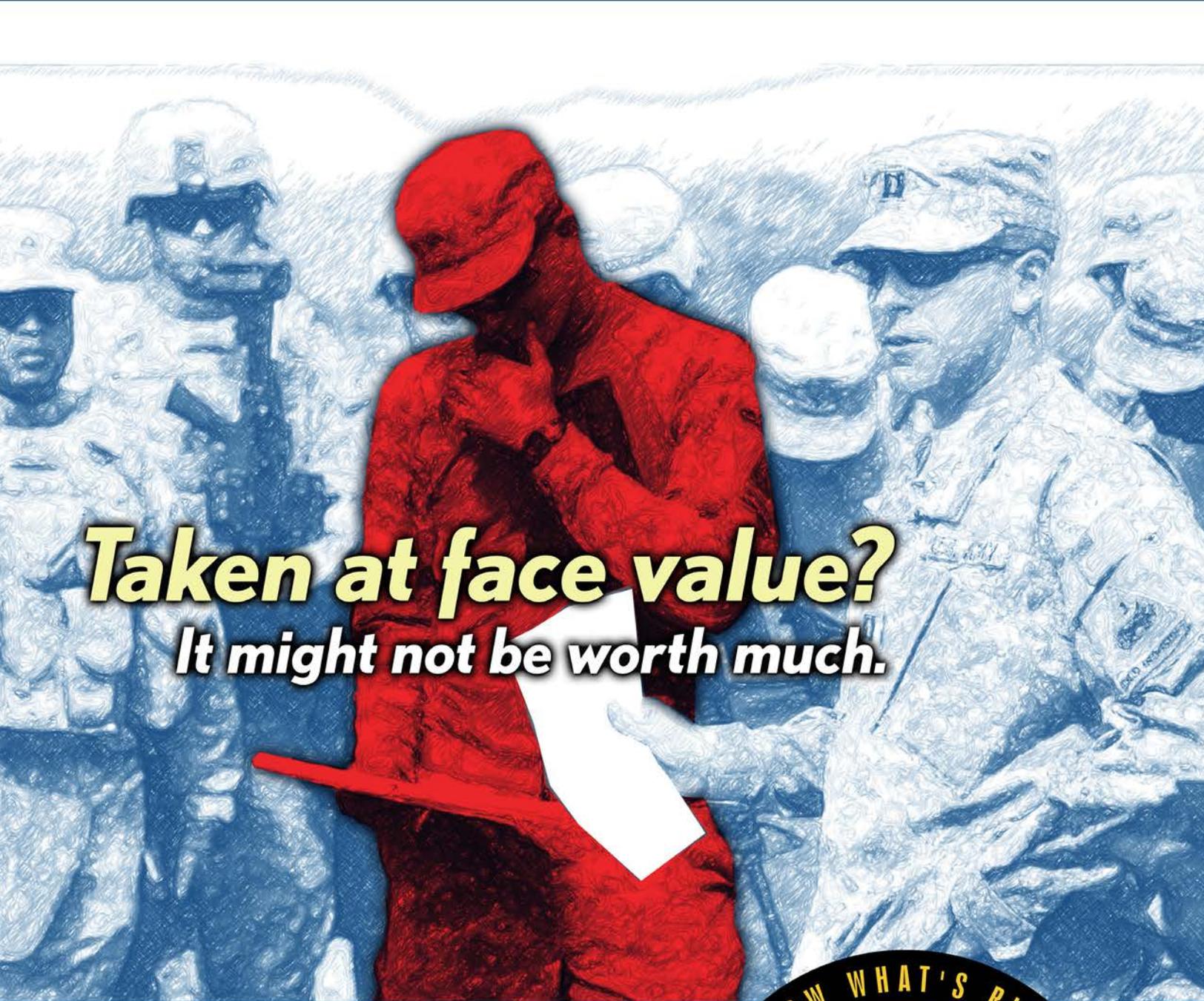
상의 직원이 쉬지 않고 26시간을 사고없이 진행했다는 기록입니다.

이것은 당연히 엔지니어들의 치밀한 계획 아래 모든 것이 정확히 맞아 떨어졌기 때문일 것입니다. 기록을 깨는 것은 기념비적 개개가 될 것입니다.

올해 극동공병단은 새로운 역사를 쓸 것입니다. 4월 말이 되면 계획한 험프리즈 공사 중 90%가 진행될 예정입니다.

머지않아 파일 드라이버 기계를 이용해 몇 천 개의 파일이 땅에 박히는 소리가 메아리처럼 울릴 것이며 이 파일은 콘크리트와 철을 더해 300개가 넘는 새로운 시설을 건축하는데 기반이 될 것입니다.

공병단이 말하는 성공이란 몇 명의 사람들이 일궈낸 것이 아니라 모두 함께 각자 주어진 역할에 최선을 다해 함께 이뤄내는 것입니다.



Taken at face value?
It might not be worth much.

The Face of Indiscipline

A solid performer in the company. Serious, determined and committed to the unit's mission. Works hard; plays harder. Likes to let loose on the weekends and blow off steam. Loves the outdoors and being on or near the water. Never learned to swim. One person knows him well. His battle buddy.

Training, discipline and standards are the bedrock of our Army, and as Soldiers, you've been taught what right looks like. As leaders, you have a duty and a responsibility to maintain standards in your formations. You also have an obligation to your Soldiers and their Families to manage risk and take action to correct problems. In our fight against accidental injuries and fatalities, knowledge is the weapon of choice.



U.S. ARMY
ARMY STRONG®



U.S. ARMY COMBAT READINESS/SAFETY CENTER
<https://safety.army.mil>