



US Army Corps  
of Engineers®  
Far East District

# ***EAST GATE*** ***EDITION***



VOL. 23, NO. 11  
FALL 2014

**New 'footprint' emerging in  
the Republic of Korea  
for U. S. military**

Story on page 4



# Inside **EAST GATE** EDITION



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

**EAST GATE**  
EDITION

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## On the cover



Several of the U.S. Army Garrison Humphreys construction sites from the ramp of a 2-CAB CH-47F Chinook. (Photo by Edward S. Johnson)



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**By Sgt. Maj. David Breitbach**  
FED Sergeant Major

**I**t's hard to believe that the endless days of summer have officially come to an end; another sun-soaked season has faded away. Since the last time I penned my thoughts for the East Gate I have had the opportunity to travel to each of the resident offices, meet with most of our district teammates and put the hard hat on and get out to the construction sites. Our mission at U.S. Army Garrison Humphreys is, without a doubt, what draws all the attention, and rightfully so based on the scale of what we are trying to accomplish. Often times our outer resident offices are over looked, but I can assure you that they are all doing work that is just as important. Everywhere I went throughout the district I was continuously impressed with the professionalism exhibited by our people and the great pride they take in their work.

I was particularly impressed with the barracks project at Camp Carroll. In my younger days, working as a journeyman carpenter, I had built many concrete structures using large, heavy gang-forms which more often than not required a crane and strong backs to set in place. The form system being used on the Camp Carroll project consists of small, light weight panels and a unique set of jacks to support shoring for easy, accurate installation and a quick, clean

## ***Sgt. Major's Corner***

and safe removal. It was remarkable to watch a crew remove all of the decking in a matter of minutes for a single room. Another intriguing method was how the panels were moved to the upper deck through an opening using mechanical rollers; the form is fed into the rollers that not only brush off any excess cement or debris, but then oils the panel as it is pulled up to the next deck where they are stacked for use. The efficiency and level of production there is impressive to say the least. I am looking forward to another visit to witness the last concrete placement on the top deck in the near future.

At Kunsan Air Base, Andy Rajala and his team have been busy with a myriad of projects that do not get nearly as much attention as they should. The Kunsan resident office is doing a commendable job supporting the 8th Fighter Wing. The Kunsan team's unheralded efforts enable the Air Force's "Wolf Pack" to conduct their daily missions. The runway improvements, munitions storage igloos, dormitory renovations, aircraft arm/de-arm pad and the addition to the medical and dental clinic are all tracking to be completed on schedule; each enhancing the mission capabilities and the quality of life for all the Airmen stationed there.

At Osan Air Base, Jamie Hagio and his team continue their great work for the 51st Fighter Wing. The working relationship between the Air Force and the central resident office is remarkable. Col. Bryan S. Green, district commander and engineer and I participated in the ribbon cutting ceremony for the new enlisted dormitory last month. I had many opportunities to visit the project at various stages during construction and seeing the finished product is, without a doubt, the best part of my job. The Osan team has a multitude of projects ongoing; too many to list here, but the new



elementary school, hospital addition and operations center are impressive projects and vitally important to the Air Force's mission and quality of life at Osan.

The long, hot summer and moderately dry monsoon season gave contractors across the peninsula an unimpeded construction season, allowing concrete and steel to spring from the ground at an incredible rate of speed. The cooler days are welcome, but the shorter days will gradually slow the pace of construction and give folks time to catch their breath, stand back and look at the progress of the last 6 months; it really has been an impressive period of construction.

Thanks to everyone for your hard work, to those out on the construction sites every day to everyone who in some way supports them. This is one team building strong here in Korea.



# New 'footprint' emerging in the Republic of Korea for U. S. military

**By Stephen Satkowski**  
FED Public Affairs

**T**he Yongsan Relocation Plan (YRP) and Land Partnership Plan (LPP) signed in 2004 formally designated a new footprint for the American military in the Republic of Korea.

The YRP will move most U.S. service members out of the Seoul metropolitan area, while the LPP will move most of the U.S. forces stationed north of the Han River (near the Demilitarized zone) to U.S. Army Garrison Humphreys, west of the city of Pyeongtaek, about 40 miles south of Seoul.

As the design and construction agent for United States Forces Korea, the U.S. Army Corps of Engineers Far East District is at the forefront of the move to the two enduring hubs of Humphreys and Daegu, about 150 miles southeast of Seoul.

This \$10.7 billion Korea Relocation Program is one of the largest transformation, re-stationing and construction projects in Department of Defense history. U.S. Army Garrison Humphreys will transform into the largest U.S. Army garrison in Asia, with the Far East District having oversight over relocation construction.

“When completed, the two programs will enable the return of land to the Republic of Korea and the relocation of approximately 12,000 U.S. service members to U.S. Army Garrison Humphreys from U.S. Army Garrison Yongsan and from multiple locations north of Seoul,” said U.S. Army Chief of Engineers Lt. Gen. Thomas Bostick during his press briefing May 22 to the Washington Foreign Press Center about U.S. Army Corps of Engineers operations in the Asia/Pacific region.



The scope of the work at Humphreys alone is almost staggering – a medium-sized American town is being built from the ground up. When work at Humphreys is complete in a few years it will be an impressive site, particularly in that two-thirds of the garrison didn't exist just a decade before.

The original garrison covered 1,210 acres, but once complete will be 3,528 acres. Los Angeles International Airport, by contrast, will be 103 acres smaller than Humphreys.

“When completed, the Army Corps of Engineers will have overseen construction of 655 new and renovated facilities,” Bostick said. “This is the largest single activity in scope and scale that we currently have underway when it comes to military construction.”

What looks impressive on the surface is figuratively just the tip of the iceberg – what was accomplished below the ground is an engineering feat in itself.

In fact, the Corps of Engineers actually brought in a lot of that below-ground “new land.” About 17.6 million cubic meters of engineered fill – the dirt under the buildings – has been placed on the existing land to a depth of about 8 1/2 feet. A levee wall rises an additional few feet above this, high enough to keep the nearby river held back during a “100-year” flood.

To put that into perspective, 17.6 million cubic meters of land could fill the world's largest fully-enclosed stadium – the National Stadium in Beijing, which was built for the 2008 Olympics – about six times. Or, for baseball fans, that amount could fill the old Yankee Stadium in New York City about 50 times.

Between 1,500 and 2,500 trucks were bringing in that fill, every day, over a few years, with each vehicle averaging a round trip of 20 to 30 miles. The trucks that hauled that fill to the site traversed a distance equivalent to going around the world at the equator about 2,000 times. At 24,109 miles around the equator, that's about 49 million miles.

While the amount of fill is impressive, what's going into that fill is also important. Underneath much of this new ground, as well as under the existing garrison, are about 42 miles of new communications pathways, 988 miles of new cable and 504 miles of conduit. Add to these, 16 miles of sewers and gas lines. Finally, there is about 42 miles of new stormwater piping, including special drainage piping at the base of the new fill dirt that allows drainage of saturated soil.

To ensure that the construction and relocation is completed and all of the district's missions are finished on time, the Far East District has more than 500 U.S. and Korean civilians, and about two dozen uniformed Army personnel, working on the approximately \$15 billion worth of projects throughout the peninsula. The new facilities range from headquarters to housing, and encompass a wide variety of operational and quality-of-life facilities in between.

*Continued on the next page*

Several of the U. S. Army Garrison Humphreys construction sites from the ramp of a 2-CAB CH-47F Chinook. (Photo by Edward S. Johnson)



## New 'footprint' emerging in Korea for U. S. military

*Continued from the previous page*

The medical and dental complex on Humphreys, for example, has been under construction since November of 2012. Once completed in early 2016 the campus will be able to support 65,000 eligible beneficiaries and 5,000 annual inpatient admissions.

Construction on the Department of Defense Dependent Schools Middle and Elementary Schools and Educational and Developmental Intervention Services facility began in June 2013 and is expected to be completed by mid-2015. The middle school will support 1,100 students while the elementary school will support 875 students.

Construction on the new Humphreys "downtown" began in the fall of 2014 and will include an exchange, commissary, bowling center and chapel among its 11 buildings and parking structure. Completion is expected in early 2016.

Another major part of this involves barracks construction to house the relocating troops, and the district is building them on an almost unprecedented scale.

Nearly 20 barracks are either completed, nearing completion, in construction or planned for on four different

installations across the peninsula. Dozens have been built over the past decade or so.

"We have 13 well under construction or nearly complete, and three just started, for a total of 16 just here at Humphreys [alone]," said Greg Reiff, the Far East District Humphreys Area Office Area Engineer in early 2014.

All told, the district is now building barracks space for nearly 3,500 unaccompanied personnel, most of which is at U.S. Army Garrison Humphreys.

The majority of the barracks under construction for the Army are eight-story projects capable of housing 302 military personnel each.

Reiff has worked for the district since 1996 but has never seen this many barracks being built at one time.

"Two to three barracks a year," he said about the majority of his time in Korea. "Now it's three or four clusters of three to four barracks at a time."

Steve Kim, Resident Engineer at the Area Office's Pyeongtaek Resident Office, has construction surveillance





oversight of eight of the new barracks at Camp Humphreys under three different contracts.

These contracts aren't U.S. military construction-funded projects. They fall under what is called Republic of Korea Funded Construction – In Kind. With this, the Korean Ministry of National Defense, Defense Installation Agency contracts out the projects and provides project management of the actual construction.

The Far East District, however, still plays a key role in ensuring they are built to U.S. specifications.

"With construction surveillance, I ensure these projects are built to standards," said Kim. "I spend a lot of my time keeping the chain of command and the installation DPW (Department of Public Works) informed of their progress."

Each new building the district constructs is Leadership in Energy and Environmental Design (LEED) Silver Certifiable. This means the building will have energy efficient features, making a smaller carbon impact on the environment.

"We are determined to both provide the best available facilities to support our national security but also ensure that extra energy resources aren't wasted once the buildings are operational," said Col. Bryan S. Green, commander and engineer of the Far East District.

The relocation project conforms to the district's mission to provide planning, engineering, design and construction management services in direct support of US Forces Korea. The district fulfills this by working closely with the Korean Ministry of National Defense United States Forces Korea Relocation Office (MURO) as construction on the peninsula increases.

*(left) Col. Darin S. Conkright, commander of U.S. Army Garrison Humphreys and Area III, points out newly-opened school campuses and key construction projects to Lt. Gen. David D. Halverson, commander of the U.S. Army Installation Management Command and Assistant Chief of Staff for Installation Management, along with Command Sgt. Maj. Jeffrey S. Hartless, IMCOM command sergeant major (left) and Command Sgt. Maj. Matthew D. McCoy, U.S. Army Garrison Humphreys command sergeant major (right), July 25, 2014. U.S. Army Garrison Humphreys is currently home to one of the largest transformation, re-stationing and construction projects in Department of Defense history. (U.S. Army photo by Clint Stone)*



*Ground was broken for the new "downtown" area, featuring a new Exchange, commissary and bowling center among other facilities, at Camp Humphreys, Aug. 11, 2014. The project will also see the construction of an auditorium, chapel, chapel family life center, an arts & crafts center, recreation center, plaza and parking. When completed, these facilities will provide retail shopping, groceries, entertainment, recreation and religious services. (U.S. Army photo by Steven Hoover)*

Brig. Gen. Kang Chang-koo, Director General of Program Management, MURO, said the teamwork between the district and MURO since the Land Partnership and Yongsan Relocation Plan agreements were signed has never wavered.

"Many challenges, big and small, lie ahead of us, but I'm not worried because we as a team are strong enough to accomplish the mission," said Kang. "Thanks to our partnership the Yongsan Relocation Plan and Land Partnership Plan is now [well underway]."

To deal with such a large relocation the majority of the district's construction division employees have already moved to U.S. Army Garrison Humphreys, with more following in the coming months. Many of the district's incoming personnel are being sent directly to Humphreys, rather than Seoul, minimizing the district headquarters complex's move costs in two years.

"I think this is the best way to focus everyone on the YRP," said Mike Kopp, Far East District construction division quality assurance branch chief. "We can be more efficient down there. Every dollar and every hour counts."

As of October 2014, the Korea Relocation Program is more than halfway done, and construction is scheduled to be fully completed in 2017.



# Construction Division Quarterly Report

**By Sam Adkins**  
FED Construction

**T**he fourth quarter has been another busy one for Construction Division. We started off the quarter with a strength of 192 personnel spread throughout Korea. We conclude the quarter with a strength of 194. Of this number, 113 or 58 percent are at U.S. Army Garrison Humphreys.

Construction Division's growth is centered in the Pyeongtaek area. This will continue in the future. I was recently accompanied by district Sgt. Maj. David Breitbach and chief of workforce management, Danny Bolden, on a recruiting trip our Fort Worth and Seattle Districts. We are anticipating bringing on new employees from this trip.

As far as work load was concerned, we started the quarter with 205 active contracts. At the end of the quarter we had 200 active contracts. Fifty three percent of these current active contracts are at Humphreys. At Humphreys this quarter, three Yongsan Relocation Plan contracts received notices to proceed. These were the main post exchange facility, the midtown community support area, and the band training facility.

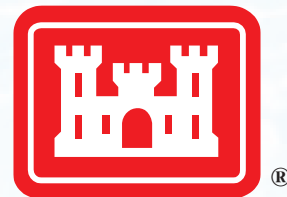
In August, we conducted a ribbon cutting ceremony for the 156 person dormitory at Osan Air Base. This dormitory will provide new housing for junior Airmen.

During this quarter we provided support to visitors mostly at Humphreys. Lt. Gen. David D. Halverson, Commander, U.S. Army Installation Management Command and Assistant Chief of Staff for Installation Management, visited Humphreys on July 25. Brig. Gen. Chris R. Gentry, Deputy Commanding General of Sustainment for 8th Army, visited Humphreys on Aug 1. We were also fortunate to provide Col. Jeffrey L. Milhorn, commander, U.S. Army Engineer Division, Pacific Ocean, with a visit to offices and job sites at Humphreys and our Southern Resident Office as well.

During the quarter, personnel took advantage of training opportunities. Leadership training was conducted at U.S. Army Garrison Yongsan and Humphreys in July and

August. Mike Kopp and Steve Kim attended the civilian education system advanced course in July. We sponsored the Proponent-Sponsored Engineer Corps Training (PROSPECT) general construction quality assurance verification class at Humphreys from July 14 to 18 and had 30 employees from the division take advantage of this training. From August 25 to 29 we sponsored the PROSPECT fire protection basic course where 25 employees were trained. We also hosted a West Point cadet and a Reserve Officer Training Corps cadet for a summer rotation at Humphreys, providing valuable training to the next generation of engineers. Bill Barn and Charles Johnson volunteered and were deployed with the forward engineer support team from Alaska to a foreign destination.

The fourth quarter is always a busy time for construction division, with year-end requirements being tackled from all the services. This year is no different. The field offices were busy doing site visits and preparing the documentation to get quotes for upcoming work. Construction service branch was very busy with negotiating and preparing the construction packages for award. Next quarter, these new contracts will be kicking off throughout the district.







## New Humphreys "Downtown"

Construction start: August 2014  
Expected Completion Date: Early 2016

The future Humphreys "downtown" area, which includes an exchange, commissary, bowling center and chapel among its 11 buildings and parking structure, is under construction as of August 2014. Completion is expected in early 2016.



## DoDDS schools and EDIS

Construction start: June 2013  
Expected Completion Date: mid-2015

Department of Defense Dependent Schools Middle and Elementary Schools and Educational and Developmental Intervention Services facility. The middle school will support 1,100 students. The elementary school will support 875 students. Construction is 42% complete.



## Medical and Dental Complex

Construction start: November 2012  
Expected Completion Date: Early 2016

The completed medical campus will be able to support 65,000 eligible beneficiaries and 5,000 annual inpatient admissions. Construction is about 30 percent complete.



## Child Development Center

Construction start: December 2012  
Expected Completion Date: Late 2014

The Child Development Center near the new housing towers is nearly complete. The pre-final inspection was in early July and completion is expected by the end of the year.

**U.S. Army Garrison Humphreys Project Update**  
as of September 2014



# ARMY

**A**rmy projects are located across various U.S. military installations in the Republic of Korea. Many of these projects continue to be located at U.S. Army Garrison Humphreys as part of the Yongsan Relocation and Land Partnership Plans. Construction on Humphrey's 2nd Infantry Division Headquarters is 5 percent complete and is expected to be finished in mid 2016. The three-story building will include an operations center, network operations center, administrative facilities and parade grounds. A new dental clinic at the garrison is 88 percent complete and set to be completed by March 2015. Work at Rodriguez Range, located northeast of USAG Red Cloud, includes various projects aimed at improving facilities for the warfighter. At USAG Daegu's Camp Carroll, a wheeled vehicle maintenance facility is under design that will accommodate any Army vehicles, wheeled or tracked. At the garrison's Camp Walker a ninety unit family housing apartment tower for company grade officers and their families is in design. At the garrison's Camp Henry, design work is 30 percent complete on an electrical distribution system upgrade and the replacement of the two building's roofs. Construction of a barracks and dining facility is about 88 percent complete, and work on an electrical substation there is about 70 percent complete.



**A**ir Force projects at the Far East District are numerous and centered at Osan and Kunsan Air Bases. At Osan, work on the replacement elementary school is progressing and is now 13 percent complete. A force protection operations facility is nine percent complete. Construction work on the PMEL facility is 12 percent complete. Design is nearing completion for the military working dog kennel support facility. The design for an aircraft parts distribution center is 30 percent complete and the design for the Korea Air Operations Center is also underway. At Kunsan Air Base, on Korea's southwest coast, the medical clinic replacement project is 43 percent complete. Renovation on dormitory 339 is nearing completion and a final inspection was finished in late August. A munitions maintenance facility is 17 percent complete and the new aircraft arming and de-arming pad is about 10 percent complete. Design work at the base includes new transient aircraft parking which is 10 percent complete and a new commercial vehicle gate.

# AIR FORCE

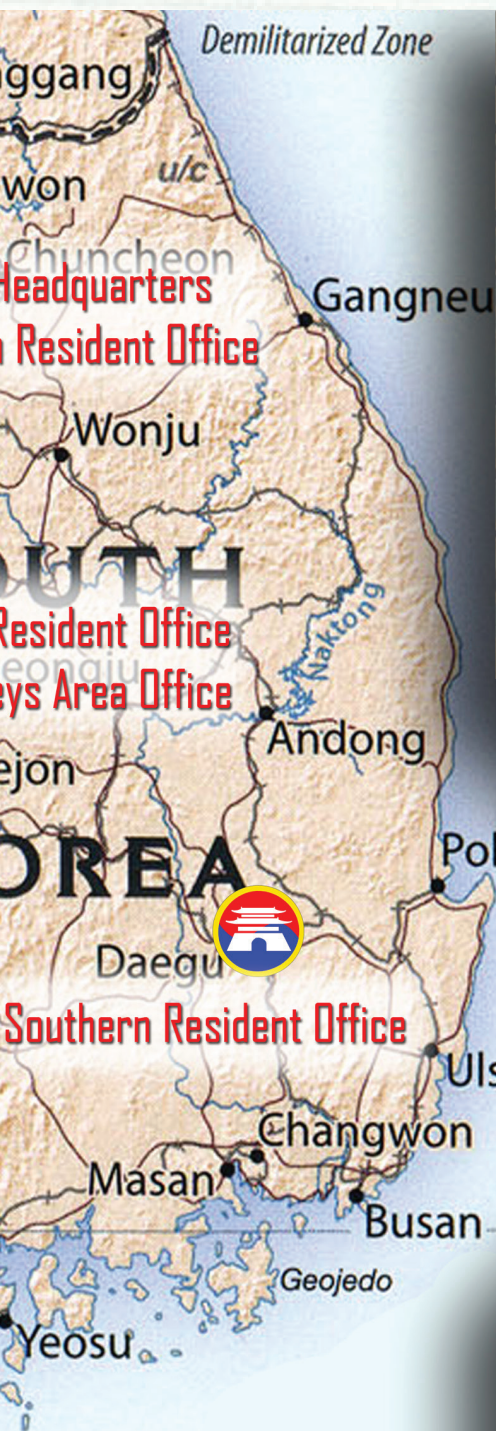


## U.S. Army Corps Far East



Project  
Fall





## os of Engineers t District

Update  
2014



# MARINE CORPS

**W**ork on the aircraft revetments for the U.S. Marine Corps at Yechon is about 31 percent complete. The project is the removal and replacement of deteriorated metal bins on 44 revetments in the designated combat aircraft loading area. The district and Ministry of National Defense – Defense Installations Agency have been working on this project since December 2013, with an estimated construction completion date in late 2015. The district's Programs and Project Management Division staff is responsible for overseeing work with the Marine Corps on the peninsula. A project in Pohang to replace the bulk fuel transfer pipeline has also begun, with the project in the design phase.



**W**ork on the U.S. Naval Forces Korea headquarters in Busan continues, with the facility being about 21 percent complete. Ground was broken for the facility in late summer 2013 which will house U.S. Navy personnel now working at U.S. Army Garrison Yongsan in Seoul. Also at Busan, a project that provides power to ships visiting the base is rapidly progressing and is about 54 percent complete. At Fleet Activities Chinhae, the Fleet and Family Town Center is nearing completion. The new 40,400 sq. ft. facility is 3 stories high and will consolidate community support and service functions into one building with a Fleet and Family Service Center, classrooms, a uniform shop, computer lab, Liberty Lounge, post office, barber shop, and Army and Air Force Exchange Service, and Defense Commissary Agency shops. The center will also feature a training auditorium theater showing movies on a wide screen with surround sound audio.

# NAVY



# Korea Relocation Program

U.S. Army Garrison Humphreys

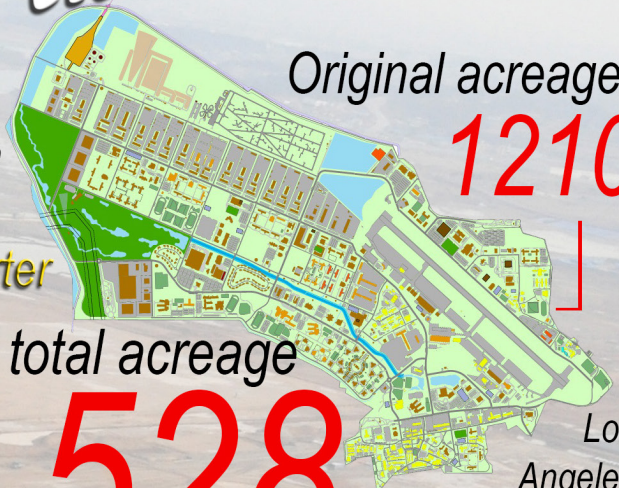
By the Numbers



49

Percentage of completion  
for the entire program

Up 3 percent in the past quarter



Original acreage

1210

655 buildings  
done, under  
construction or planned.

The number of  
buildings being  
demolished is

339

New total acreage

3,528

Los  
Angeles  
International Airport  
is 103 acres smaller

\$10.7

Billion total price tag

17.6

More than 40 miles of water  
piping has been installed and  
tested in the new land. Another  
40 miles of new roads will be  
built. Total miles of cabling  
installed is

988



million cubic meters of  
engineered fill already in place,  
raising the land by about 8 1/2 feet.

High enough to keep out  
water from a 100 year  
flood.

Enough fill is in place to fill the  
old Yankees baseball stadium  
about 5 times over



# New kiosk on Humphreys keeps community informed on garrison's construction progress

By Stephen Satkowski  
FED Public Affairs

**P**atrons of the food court on U.S Army Garrison Humphreys are being greeted by a new visitor when they walk through the entryway of the facility. A 55 inch touch-screen television monitor is now on display with the latest information on construction progress at Humphreys.

"We want the Humphreys community to know what is happening with construction there," said Jason Chudy, district public affairs officer. "The information we place on the kiosk will be updated daily through our social media sites as well as through photos, stories and videos."

The kiosk will provide an interactive experience for users who can find out just about anything they want to know about the district, its mission and the projects they see every day on or near the installation. And they can do it with just the touch of a button.

"Eventually we hope to add time lapse construction video so people can see the speed of the work that is being

done," said Chudy. "We at the Far East District are proud of the work we are doing at Humphreys and want everyone to know that we're building the best possible facilities for them."

The kiosk has already shown benefits as community members survey the latest information at their leisure.

"I think it's a good idea for the service members and their families to see what's going on [with the construction]. We see it [everyday] but don't always know all the changes and this helps," said Sgt. Robert Lyons, a Soldier at U.S. Army Garrison Humphreys.

The information displayed on the kiosk can also be accessed by visiting the district website at <http://www.pof.usace.army.mil/>.

*Soldiers from U.S. Army Garrison Humphreys engage the touch screen kiosk at the Humphreys food court. The kiosk displays the latest information on construction progress at the Garrison. (Photo by Seukhwan Son)*





# Groundbreaking for new ‘downtown’ area conducted at Humphreys

By Steven Hoover

U.S. Army Garrison Humphreys Public Affairs

**G**round was broken for the new “downtown” area, featuring a new Exchange, commissary and bowling center among other facilities at U. S. Army Garrison Humphreys, Aug. 11.

The project will also see the construction of an auditorium, chapel, chapel family life center, an arts & crafts center, recreation center, plaza and parking.

When completed, these facilities will provide retail shopping, groceries, entertainment, recreation and religious services.

The project, awarded to POSCO Engineering & Construction, Ltd., will cost an estimated \$146.7 million, and is expected to be completed in the first quarter of 2016.

The theme of “partnership” rang throughout during the groundbreaking.

“Today is a celebration of a partnership between two nations and many agencies, all working together to provide our service members [with] facilities that provide a taste of home,” said Steve Pena, general manager, Humphreys and Osan Exchange.

“One of the core values at the Exchange is ‘family serving family,’” added Pena. “We are ‘family,’ and the Exchange is proud to be a part of the Humphreys family.”

Pena said that the new Exchange will feature an expanded lineup of the many services and eateries that are already available here, except that when the new

facility opens, there are also plans to have an Arby’s.

In addition to breaking ground on a new Exchange and several Soldier and family support structures, the future downtown plaza will eventually be home to the largest commissary in the Pacific.

“I’m proud to say that you have a lot to look forward to when these stores are built,” said Wayne Walk, Korea and Guam zone manager, Defense Commissary Agency. “It’s our goal in the Defense Commissary Agency to make your shopping experience something to look forward to. It’s not enough to have a new facility and





low prices. Our goal is to provide great customer service on every visit. We're here now to take care of you during the Korea transformation, and we'll be here to serve you and your families when transformation is completed."

According to Defense Commissary Agency officials, the new Camp Humphreys Commissary will be a large, modern 90,000-square-foot store with 23 checkout lanes. The store will also feature extensive produce, meat, grocery, dairy, delicatessen, bakery and frozen foods sections. For comparison, the current commissary is 19,188 square feet with five checkouts.

Although breaking ground on the new facilities is exciting, Col.

Darin S. Conkright, commander, U.S. Army Garrison Humphreys and Area III, took this opportunity to thank the Humphreys Military Community for bearing with all of the growing pains, whether it is road closures, building moves or traffic bottlenecks.

"Trust me, I know it can be difficult to deal with so much going on in one place," Conkright said. "And yet, it never ceases to amaze me how resilient, flexible and understanding our community remains through these challenging times, as we build today for a better tomorrow."

Other guest speakers at the event were: Republic of Korea Army Brig. Gen. Kang Chang-koo, director gen-

eral of program management in the Ministry of National Defense USFK Base Relocation Office; Kim Jong-woo, director, USFK Base Relocation Project Management Office, Korea Land and Housing Corporation; Lee, Yong-byung, senior vice president, POSCO Engineering & Construction, Ltd.

Camp Humphreys is currently undergoing one of the largest transformations in Department of Defense history. The vast majority of forces located in the Greater Seoul Metropolitan Area and north of the Han River will move here in the coming years, in accordance with the U.S. and Republic of Korea bilateral agreements.

## A new Airmen dormitory at Osan Air Base opens

*(right) Far East District commander and engineer, Col. Bryan S. Green visited Osan Air Base Aug. 12 to present awards to engineers from the Central Resident Office and participate in a ribbon cutting ceremony for a new Airmen dormitory. (FED file photo)*



*(left) Far East District Commander Col. Bryan S. Green (third left) and Sgt. Maj. David Breitbach (2nd left), along with leadership from the 51st Fighter Wing, participated in a ribbon cutting ceremony for a new Airmen dormitory on Osan Air Base Aug. 12. The dormitory, across from the Mustang Club, will house 156 Airmen. Each Airman will have a bedroom, closet and bathroom and four Airmen will share a kitchen/dining area and washer/dryer. (Photo by Choe Wan-suk, Hyundai Engineering and Construction)*



# Seismic opportunity for district employee

**By Stephen Satkowski**  
FED Public Affairs

**D**r. Pak Chun-pom, chief of the district's data management section, visited Mount Baekdu, an active volcano on the border of North Korea and China Aug. 14 and 15. A geologist by trade and a specialist in volcanic chemistry, Pak advised and helped lead a team of Korean Geologists on the expedition.

"One thousand years ago this mountain had one of the biggest volcanic eruptions in all of Asia," said Pak.

"To know the volcanic characteristics of this area we have to study its volcanic rocks." "That's why we're here."

Pak is part of the Korean Geologists Expedition group, a team of geologists in the Republic of Korea who travel to various sites to gain insight and information on volcanic activity.

"There was an earthquake underneath Mount Baekdu 10 years ago which caused many to believe it would erupt again," said Pak. "The informa-

tion we gather from trips like these will help us predict future eruptions," said Pak.

Pak grew up in Jeju, a volcanic island on the southern end of the Korean peninsula and has studied volcanic activity on Dokdo, an island located east of the peninsula. At Mount Baekdu he used this experience to provide advice on how and where to collect samples.

"I told them which exact location should be sampled and helped them collect each one," said Pak. "I will also help review the team's final research paper once we are finished."

Pak said the training he has received at the district provided him with new tools to lead his team of geologists.

"I was able to apply what I learned from our district leadership workshop on this trip," said Pak. "Everyone had different ideas on how to get the information we need. I was able to organize our team based on my leadership training experience at the district."

*Dr. Pak Chun-pom, chief of the district's data management section, poses for a picture in front of Heaven Lake, in the caldera atop Mount Baekdu. Mount Baekdu is an active volcano on the border of North Korea and China. (Photo provided by Pak Chun-pom)*





# *This fall in FED History*

**July** 1985: Eighth Army Milk Plant at K-16 Air Base completed.

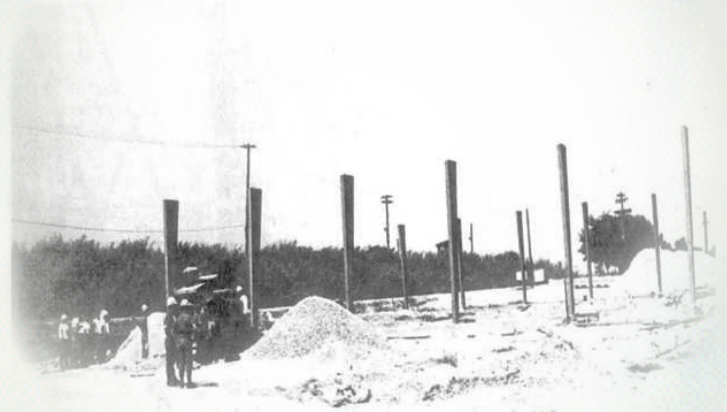
- 1987: Kunsan Resident Office opened.
- 1999: Barracks at Camp Red Cloud opened.
- 1999: Combined Defense Improvement Program barracks at K-16 completed.
- 2005: FED Asbestos lab obtained Industrial Hygiene Laboratory Accreditation from American Industrial Hygiene Association.

**August** 1968: FED signed a \$411,990 contract with Pan Asia Ind. Co. Ltd. for the Osan Air Base power upgrade.

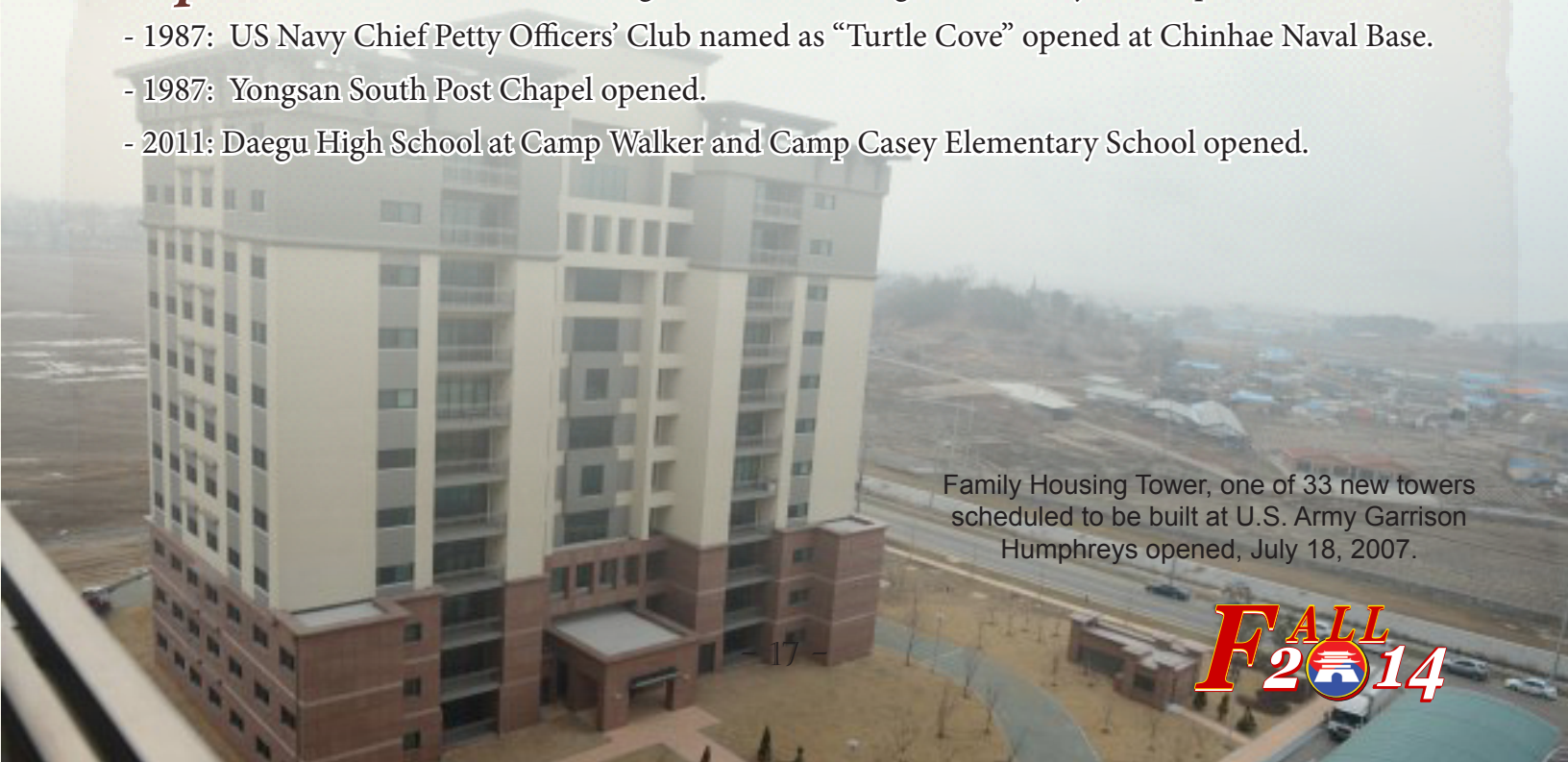
- 2000: Eighth Army Headquarters which was built by the Japanese forces in 1920s renovated.
- 2000: FED invited first four Advancing Minorities Interest in Engineering (AMIE) interns.
- 2012: The first occupants arrived in the Build-to-Lease, Senior Leaders Quarters Complex in Humphreys.

**September** 1983: Three meeting and office buildings in Panmunjom completed.

- 1987: US Navy Chief Petty Officers' Club named as "Turtle Cove" opened at Chinhae Naval Base.
- 1987: Yongsan South Post Chapel opened.
- 2011: Daegu High School at Camp Walker and Camp Casey Elementary School opened.



Engineer troop project, ASA hangar, Humphreys, in August 1975



Family Housing Tower, one of 33 new towers scheduled to be built at U.S. Army Garrison Humphreys opened, July 18, 2007.



# Social Media

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# Sgt. Major's Corner

**By Sgt. Maj. David Breitbach**  
FED Sergeant Major

**끄**나지 않을 것 같았던 뜨거운 햇볕이 내리쬐는 여름이 지난 것이 아직 믿기지 않습니다. 제가 마지막으로 East Gate Edition에 칼럼을 작성한 날 이후에 저는 다른 지역에 있는 공병단 사무소들을 방문해 많은 팀원들을 만나고 안전모를 쓰고 건설현장을 방문하는 기회를 가졌습니다. 험프리즈 기지의 공병단 임무가 단연 가장 관심을 끄는 곳이며 업무 규모로 보았을 때도 가장 많은 부분을 차지하고 있어 가끔 조금 더 외곽에 위치한 다른 공병단 사무소들을 간파할 수 있지만, 제가 장담하건대 그들 역시 매우 중요한 업무를 수행하고 있습니다. 다른 사무소들을 방문하는 내내 직원들이 보여주는 전문성과 업무에 대한 자부심에 감명받았습니다.

저는 특히 캠프 캐럴 기숙사 공사가 인상 깊었습니다. 젊은 시절 제가 목수로 근무했던 때 크레인 또는 스트롱백을 사용해 품을 고정시키기보단 무거운 갱폼을 이용해 콘크리트 건축물을 시공했습니다. 캠프 캐럴 공사에 사용되는 품 시스템은 작고 가벼운 판과 독특한 잭으로 구성되어 있으며 이것은 지주를 지지해 설치가 쉽고 정확하며 철거 역시 까끔하고 안

전하게 할 수 있습니다. 방 한 개 깔판을 단 몇 분 안에 제거하는 모습에 저는 놀라지 않을 수 없었습니다. 다른 공사 과정은 기계 롤러를 이용해 데크에 틈 사이로 판을 상단 데크로 이동하는 것이었습니다. 품이 롤러에 들어가면 불필요한 시멘트 또는 잔해물을 없애주면서 상단 데크로 올려질 때 판에 기름칠이 되어 다음 사용을 위해 쌓아놓습니다. 본 공사의 효율성과 생산성은 너무나 인상적이었습니다. 가까운 시일에 가장 상단 데크에 마지막으로 콘크리트 구조물이 올려지는 것을 볼 날을 기대하고 있습니다.

군산 사무소에 근무하는 앤디 라아라와 그의 팀은 무수히 많은 공사 때문에 바쁘지만 그만한 주목은 받지 못하는 것 같습니다. 군산 사무소는 아주 훌륭히 제8전투비행단을 지원하고 있습니다. 군산 사무소 직원들의 묵묵한 노력은 공군 "울프팩"팀이 매일 매일 임무를 수행하도록 하고 있습니다. 활주로 개선, 탄약저장고 및 기숙사 개조, 무장/비무장 항공기 이착륙장 그리고 병원 및 치과 의료시설 건설이 모두 일정대로 진행 중입니다. 각 시설들은 임무수행 능력을 향상시키고 군산 공군 기지에 배치된 공군들의 삶의 질을 높여줍니다.

오산 사무소에 근무하는 제이미 하기와 그의 팀은 제51전투비행단을 지원하는데 계속해서 힘쓰고 있습니다. 오산 공군과 공병단 오산 사무소 직원들간의 업무 관계는 훌륭합니다. 그린 대령과 저는 지난달 새로운 사병 기숙사 완공식에 참여했습니다. 저는 공사 현장을 여러차례 방문할 기회가 있어 나날이 완성되어 가는 모습을 지켜보고 마침내 완공된 시설을 보는 것이 제 업무 최고의 순간입니다. 오산 사무소도 현재 많은 공사를 진행하고



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# DISTRICT OFFICES



**FED HQ**



**Northern Resident Office**

**Central Resident Office**



**Humphreys Area Office**



**Pyeongtaek Resident Office**



**Parcel 2 Resident Office**



**Family Housing Resident Office**



**Medical Resident Office**



**Construction Surveillance Resident Office**



**Kunsan Resident Office**



**Pohang Project Office**



**Southern Resident Office**