

1980 Fort Huachuca History



**Museum Branch
Plans & Operations Division
Plans, Training & Security Directorate
Headquarters, Fort Huachuca**

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CHAPTER VIII: FACILITIES ENGINEERING

1. Mission. Serves as principal adviser to and assists the HQFH command and staff on all matters pertaining to Facilities Engineering. Directs and provides operational control for all Fort Huachuca Facilities Engineering activities, including but not limited to engineering design, construction inspection, master planning, real estate management, operation of utility plants and systems, operation of construction equipment, material production, operation of forestry and fish and wildlife programs, maintenance and repair of real property (buildings, grounds, surfaced areas, utility plants and systems), organizational maintenance of engineer Maintenance and Service (M&S) equipment, fire prevention and protection, custodial services, entomology, packing and crating, refuse collection and disposal, supply and storage of engineering materials, operation of the Family Housing Self Help Warehouse, miscellaneous facilities engineering services and operations. Coordinates and manages the Installation Environmental Program. Additional functions include non-RPMA (Real Property Maintenance Activities) mission support work performed at the Installation Energy Conservation Program to include the fuel utilization programs. Maintains utilization data and prepares reports to higher headquarters. Coordinates requirements for off-post facilities within the State of Arizona including reserve centers.

2. Buildings and Grounds.

a. Family Housing Maintenance. During 1980 there was a reorganization of personnel assigned to maintaining family housing quarters at Fort Huachuca. Maintenance of quarters previously consisted of support from various Utilities Division and Buildings and Grounds Division shops. The new concept of organization calls for all work in family quarters to be performed by one shop. This shop is known as the Family Housing Maintenance Function Section and it operates under the Buildings and Structures Branch within the Buildings and Grounds Division of the Directorate of Facilities Engineering. Results to date indicate that the new concept will yield considerable cost savings to the government.

b. Conservation Award. On 20 October the Secretary of Defense announced that Fort Huachuca would be the recipient of the Secretary of Defense Natural Resources Conservation Award for 1979. The competition included the Army, Navy, and Air Force. This award is presented annually to the military installation in the United States which has demonstrated the greatest progress in applying natural resource conservation principles during the previous three years. The program is also designed to assure maximum multiple recreation use of the military property, consistent with the military mission of the installation. The post's conservation program includes the supervision and control of more than 73,000 acres of federal land. Fort Huachuca has one of the most complex and diverse ecosystems of any military installation in the United States.

980

3. Engineer Plans and Services.

a. USAICS Academic Facilities. A significant Military Construction Army (MCA) project completed in October was the construction of Phase I Academic Facilities of the US Army Intelligence Center and School. Phase I encompasses four buildings and two parking lots, and costs approximately \$6.2 million. The buildings are: Basic Officer Course Classroom Building, Advanced Officer Course Classroom Building, Student Support Building and Central Plant. The heating of these facilities is supported by a solar collector array which is integrated with the central heating plant system. The parking lots provide 277 spaces.

b. Other MCA Projects. Three MCA projects totaling approximately \$1.8 million were awarded. These will provide an Instrumentation Test Facility for the US Army Electronic Proving Ground, an Operational Test Facility for the US Army Intelligence and Security Board, and a new Flight Control Tower for Fort Huachuca's Libby Army Air Field. The new control tower replaces an obsolete second-hand tower erected in 1955.

c. Relined Sewer Lines. A maintenance and repair project to reline sewerage system lines in selected areas of the post has been completed. Approximately 15,000 linear feet of 6-inch, 40,000 linear feet of 8-inch, 5,000 linear feet of 10-inch, and 3,000 linear feet of a combination of 12-inch and 15-inch plastic liner was installed in existing sewerage lines. Lines were surveyed by use of a TV camera and results formed the basis for repair work.

d. Old Post Improvements. A concerted effort was initiated to enhance the historic appearance of buildings between Auger and Christy Avenues along Brown Field on the Old Post National Landmark Site. Parking adjacent to the buildings on the Christy Avenue side has been prohibited. The areas concerned are being covered with top soil and seeded.

4. Utilities. In June the installation of a solar heating system was completed at Barnes Field House. The 2,000 square-foot, unglazed collector array supplies energy to heat the indoor swimming pool. The system was designed by the Facilities Engineering Directorate and constructed by Process Pneutronics Corporation of Mojave Valley, Arizona. It is the first major solar system to be installed here. The contract cost was \$53,000. The system is expected to save 6,407 thermal units per year with a first-year fuel savings of \$1,800. Monitoring of the system over the first six months has indicated that it will perform better than anticipated, with nearly 80 percent of the annual fuel savings goal achieved after six months of operation.

5. Engineer Resources Management. Fort Huachuca hosted the Field Validation Test of a major change package to the Integrated Facilities System. This change package, containing 188 system change requests, included the addition to the system of four major budget reports (Unconstrained Requirements Report-URR, Financed/Unfinanced Requirements Report-FURR, Budget Year Report-BYR, and Prior Year Performance Report-PYPR). These reports will replace those

currently prepared manually by the Budget Section. The URR is the long-range work plan covering the five-year period subsequent to the budget Fiscal Year, and replaces the manually prepared URR. The FURR corresponds to the Annual Work Plan, and replaces the manually prepared Command Operating Budget Estimate. The BYR provides a monthly review of actual performance compared with the current fiscal year budget. The PYPR replaces the Technical Data Report. At the successful completion of the Field Validation Test, a Memorandum of Agreement was signed by representatives of other major commands, releasing the system change package for implementation at other installations using the Integrated Facilities System.

6. Fire Prevention/Protection. In 1980 the Fort Huachuca Fire Department received a new fire truck--a 1,000 GPM structural pumper. It is one of the new family of fire trucks being developed by the Army. It is capable of pumping 1,000 gallons of water per minute and can store 500 gallons of water and 40 gallons of foam. The new truck has its own power generator which produces 120 volts for emergency lighting and other power equipment. This unit will replace a 750 GPM tactical fire truck that does not pass national fire standards.

7. BAA-V Support. (See page 28.) Engineering support to the conference included providing commercial power to the display area, making backup power available, covering the display area with gravel and furnishing custodial services. Two transformer banks, 10 power poles, 1,600 feet of overhead power line and five service drops were installed along with three throw switches so that a switch could be made to generator power. Lines were run from the service drops to individual outlets within the display area. The complete installation was removed at the end of the conference. Backup power included rewiring the main electrical panel for the building and the installation of two double throw switches to generator power. This was left in place at the conclusion of the conference. Standby electricians were stationed in Riley barracks to respond to emergencies. One hundred cubic yards of gravel were placed between the concrete walkways in the display area. Custodial services consisted of carpet cleaning in Riley barracks, stripping and waxing of tile floors and the inspection of these services. Additionally, much programmed work was accomplished ahead of schedule because of BAA-V. These tasks were: the replacement of carpet with tile in Libby Operations building, selective painting of Riley barracks, a new ladies' rest room in Riley barracks, repairs to the main ballroom of the Lakeside Officers' Club, and repairs to the stairs and porches of the Officers' Club. Manhours for this project totaled 1,709.5 and costs are estimated to come to \$34,597.72.

POST POPULATION REPORT
FORT HUACHUCA, ARIZONA

As of January 1980

USACC ACTIVITY	OFFICERS ASSIGNED	WARRANTS ASSIGNED	EM LISTED ASSIGNED	TOTAL MIL ASSIGNED	CIVILIANS ASSIGNED	TOTAL ASSIGNED
1. HQ USACC	59	5	51	115	563	678
2. USA CEEIA	50	16	597	663	526	1189
3. USA CSA	4	0	5	9	17	26
4. HQ Ft. Huachuca	59	12	530	601	1567	* 2168
5. 11th Sig Bde	48	12	1229	1289	2	1291
6. USAATCA	8	2	14	24	28	52
7. USACOMISA	1	0	35	36	130	166
8. USACC AGCY	0	0	91	91	52	143
9. USARCCO	3	0	6	9	39	48
10. S/TOTAL	232	47	2558	2837	2924	5761
1. USAICS (Stf & Fac)	228	19	525	772	259	** 1031
USAICS (Stu)	355	6	399	760	0	760
USAINSBD	24	1	83	108	16	124
Foreign Ex Off	2	0	0	2	0	2
2. MEDDAC	78	1	178	257	171	428
Med Hold Det	1	0	3	4	0	4
3. DENTAC	23	0	37	60	35	95
4. USACSLA	3	7	17	27	206	233
5. USAEPG	52	3	534	589	212	801
6. USA Cmsy Fld 0	0	0	1	1	94	95
7. TRI-TAC (JTO)	45	2	118	165	54	*** 219
8. 46th Engr Det	0	1	24	25	0	25
9. MET Team	0	0	10	10	0	10
10. 77th EOD	1	0	5	6	0	6
11. USACID FH Fld	1	5	6	12	2	14
12. DARCOM-LAO-0	0	0	0	0	17	17
13. USA SP Scty 0	3	0	4	7	0	7
14. Army Audit Agcy	0	0	0	0	9	9
15. German Liaison	1	0	2	3	0	3
16. USAINSCOM	2	1	2	5	0	5
17. LA C of E	0	0	0	0	4	4
18. Def Invest Agcy	0	2	0	2	2	4
19. DEF PDO	0	0	0	0	3	3
20. SUB TOTAL	819	48	1948	2815	1084	3899
21. TOTAL	1051	95	4506	5652	4008	9660
OTHER SUPPORTED PERSONNEL/ACTIVITIES						
Depn on Post (OFF1015) (EM4065)						5080
Credit Union 24 /Bank 23 /Post Ofc 8 /School 121 /ARC 4 /USCS&DPS 5						185
Contract Pers 502 /AAFES/CONC 176						678
22. TOTAL FORT HUACHUCA						15603
23. Ret Mil & Dep W/in 60 mi Radius (5277) Dep Off Post (OFF 1415) (EM4848)						11540
24. GRAND TOTAL						27143

- * Includes NAF Pers (272) Plus 4 AF EM in Weather Det.
- ** Includes 8 MC & 7 AF
- *** Includes 144 AF Mil & 3 Civ in AFTEC Plus 14 MC & 1 Civ in MCTSE

Incl 3'

POST POPULATION REPORT
FORT HUACHUCA, ARIZONA

As of June 1980

USACC ACTIVITY	OFFICERS ASSIGNED	WARRANTS ASSIGNED	ENLISTED ASSIGNED	TOTAL MIL ASSIGNED	CIVILIANS ASSIGNED	TOTAL ASSIGNED
1. HQ USACC	55	5	46	106	571	677
2. USA CEEIA	50	19	641	710	465	1175
3. USA CSA	4	0	7	11	19	30
4. HQ Ft. Huachuca	55	11	537	603	1632	* 2235
5. 11th Sig Bde	49	12	1163	1224	2	1226
6. USAATCA	5	2	13	20	29	49
7. USACOMISA	0	0	32	32	127	159
8. USACC AGCY	0	0	78	78	54	132
9. USARCCO	2	0	5	7	45	52
10. S/TOTAL	220	49	2522	2791	2944	5735
1. USAICS (Stf & Fac)	184	18	521	723	226	** 949
USAICS (Stu)	378	2	457	837	0	837
USAINSBD	26	1	61	88	17	105
Foreign Ex Off	2	0	0	2	0	2
2. MEDDAC	70	1	199	270	162	432
Med Hold Det	1	0	2	3	0	3
3. DENTAC	20	0	27	47	32	79
4. USACSLA	3	8	16	27	206	233
5. USAEPG	51	5	536	592	216	808
6. USA Cmsy Fld O	0	0	1	1	89	90
7. TRI-TAC (JT0)	41	2	133	176	54	*** 230
8. 46th Engr Det	1	1	21	23	0	23
9. MET Team	0	0	7	7	0	7
10. 77th EOD	1	0	9	10	0	10
11. USACID FH Fld	1	5	3	9	1	10
12. DARCOM-LAO-0	0	0	0	0	17	17
13. USA SP Scty O	2	0	6	8	0	8
14. Army Audit Agcy	0	0	0	0	11	11
15. German Liaison	1	0	2	3	0	3
16. USAINSCOM	2	1	2	5	0	5
17. LA C of E	0	0	0	0	4	4
18. Def Invest Agcy	0	2	0	2	0	2
19. DEF PDO	0	0	0	0	6	6
20. SUB TOTAL	784	46	2003	2833	1041	3874
21. TOTAL	1004	95	4525	5624	3985	9609
OTHER SUPPORTED PERSONNEL/ACTIVITIES						
Depn on Post (OFF 965) (EM 4077)						5042
Credit Union 25 /Bank 21 /Post Ofc 9 /School 24 /ARC 4 /USCS&DPS 4						87
Contract Pers 603 /AAFES/CONC 168 /AMSA #18 23 /OTEA 17						811
22. TOTAL FORT HUACHUCA						15549
23. Ret Mil & Dep W/in 60 mi Radius (5068 Dep Off Post (OFF 960) (EM3930) (ACTIVE DUTY)						9958
24. GRAND TOTAL						25507

- * Includes NAF Pers (264) and 4 EM in Weather Detachment
- ** Includes 8 MC and 3 AF.
- *** Includes 139 AF Mil and 3 Civ in AFTEC and 13 MC Mil and 1 Civ in MCTSE.

Incl 3^e