To: Gen
Attn: Mr Dello
for info

COMP/JFJ/ln
22 Oct 1981

TALKING PAPER

For use by: Commanding General, Marine Corps Base, Camp Lejeune, NC

Reference: (a) Commander COMCABEAST ltr F-sg W:M/kkk over 7300 of 7 Oct 1981 (same subject)

Subject: Transfer of Real Property and Funding Support from MCB Camp Lejeune, NC to MCAS(H), New River

Background: Effective 1 July 1975 Real Property (Classes I and II) and real property maintenance functions, as well as personnel and funding for MCAS(H), New River became the responsibility of the Commanding General, MCB, CLNC.

Discussion: 1. Reference (a) is a request to CMC that the real property and funding support responsibility be returned to the CO, MCAS(H), New River.

2. This request suggests that the present arrangement precludes the CO, New River:

a. From exercising adequate management flexibility.

b. Computing or costing out total MC funds used to maintain the station.

c. From prioritizing repair or maintenance requirements.

d. From influencing and providing input to the real property maintenance budget.

3. The reference requests that the real property, funding and eight civilian billets transferred at the time of consolidation be returned, thus providing the CO, New River with an option not presently available, i.e., (1) negotiating with Camp Lejeune, or (2) going to an outside source if Camp Lejeune could not respond.

4. MCB, Camp Lejeune would perform work on a reimbursable basis under the proposal contained in the reference. This would necessitate a "statement of requirement" by New River with the preparation of the budget, thus precluding the flexibility option. To require less, would make management of the Camp Lejeune work force an impossible task. Performance of work on a reimbursable basis was an option considered during consolidation discussions but was rejected for the above

reason and because shifting of mission/fiscal responsibility offered the most savings.

5. Abeit, under the proposal the CO, New River would be able to influence priorities, budgeting, etc, however, he would continue to be dependent on the system and procedures presently providing support.

6. The problem addressed in paragraph 2 above could be resolved by involving the CO, New River in the budgeting and performance cycle by briefings and reports, while obviating duplication of functions which are inherent in the request.

Recommendations:

1. That COMCABEAST and CO, New River be briefed at the earliest on FY 82 MCB, CLNC real property maintenance program and specifically how it relates to New River.

2. That, in the future, CO, New River be provided an opportunity to review and comment on the real property maintenance budget as it relate to New River.

3. That CO, New River be provided periodic reports which show program versus performance for station real property maintenance.

Approved:

Recommendation 1:

_____ Approved _____ Disapproved

Comment:

Recommendation 2:

_____ Approved _____ Disapproved

Comment:

Recommendation 3:

_____ Approved _____ Disapproved

Comment:

Action Officer:

Assistant Chief of Staff, Comptroller, Col J. F. JONES

UNITED STATES MARINE CORPS
MARINE CORPS AIR STATION
(HELICOPTER)
NEW RIVER, JACKSONVILLE
NORTH CAROLINA 28545

204:RHB:jmh
7020
JUN 9 1982

FIRST ENDORSEMENT on CG, MCB, CLNC ltr LOG/SCP/vkd 7020 dtd 9 June 1982

From: Commanding Officer
To: Commander, Marine Corps Air Bases, Eastern Area, Marine Corps Air Station, Cherry Point, N. C. 28533

Subj: Marine Corps Base (MCB), Camp Lejeune, Logistics/Support to Marine Corps Air Station (Helicopter), New River; proposed changes to

1. Many of the proposed changes (reconciliation of work requests, distribution of the weekly and quarterly maintenance schedules, participation in the identification of Code 1 deficiencies to be included in the Annual Work Program) have already been implemented as a result of the referenced meeting. (It should be noted that the Air Station had already been participating in the annual validation of Code 2 BMAR). Certain benefits are already clearly evident, and only minimal manpower was involved.

2. With the implementation of the LSA, it was assumed that the entire maintenance workload, including administration, would be the responsibility of Camp Lejeune and the Air Station's efforts in this area would be minimal. This proved to be erroneous and in the last four years, S-4 participation in facilities maintenance management has been increasing at an ever accelerating rate. (The present proposed change to the LSA is an example.) All Air Station maintenance requirements are now funneled through the S-4. In 1978, 443 work requests were processed; in 1979, 462; in 1980, 899; in 1981, 1820. Through June 1982, 1320 had already been processed. This centralization has enabled the S-4 to coordinate, screen, monitor, follow-up, and provide status; in effect filling a vacuum created by the LSA and providing a much needed service to the tenant wing activities. The increased maintenance effort, however, has been absorbed by the construction coordinator and his staff of two, to the detriment of the construction program.

3. At first glance, it would appear that implementation of the remaining proposed changes can be made with little extra manpower, i.e., quarterly, provide a priority list for accomplishment, annually provide priority listings, provide input for POM and Mid-year review, conduct a prevalidation process. However, it is felt that a careful analysis will reveal that proper participation in these changes will require an individual possessing a degree of technical expertise with and intricate/intimate knowledge of the Air Station facilities devoting a considerable number of man-hours. Presently, the only person possessing these skills is the construction coordinator, who was originally employed to handle planning and programming of new construction.

4. As currently established, the Air Station S-4 facilities branch is not adequately staffed to realize full benefit of the proposed changes. Presently,

the majority of technical information required by the functions iterated in the changes is generated by the MCB Maintenance Inspection Branch. That branch performs its duties in an admirable fashion but because the workload, staff limitations, and sheer size of the MCB physical complex, cannot provide detailed services which the Air Station desires and feels is necessary. With implementation of this change, it is feared that the inspections branch would rely more heavily on the Air Station's input. This would only serve to exacerbate an already extreme situation.

5. The changes provide the potential for a greater awareness of the scope of maintenance proposed and accomplished aboard the Air Station, and to a limited degree, they offer potential for the Commanding Officer to direct the maintenance effort where he sees fit. (The inherent limitations of the LSA will never provide the Commanding Officer to direct the maintenance effort as he sees fit.) The key word, however, is "potential." Unless the present staff is realigned and provided with the additional facilities expertise, full benefit of the changes will not be realized. Accordingly, the following recommendations are offered:

A. Sign the agreement immediately. The changes will be implemented immediately--to the best of our ability.

B. Have the COMCABEAST Management Assistance Office review the New River S-4 department's construction branch and determine what realignment is necessary to take full advantage of the proposed changes.

J. W. MARVEL

UNITED STATES MARINE CORPS
MARINE CORPS BASE
CAMP LEJEUNE, NORTH CAROLINA 28542

IN REPLY REFER TO
LOG/SCP/vkd
7020
9 JUN 1982

From: Commanding General
To: Commander, Marine Corps Air Bases, Eastern Area, Cherry Point, North Carolina 28533
Via: Commanding Officer, Marine Corps Air Station (Helicopter), New River, Jacksonville, North Carolina 28540

Subj: Marine Corps Base (MCB) Camp Lejeune, Logistics/Support to Marine Corps Air Station (Helicopter) New River; proposed changes to

Ref: (a) Conference CO, MCAS(H), New River and AC/S, Fac and BaseMaintDiv, Marine Corps Base, Camp Lejeune
(b) MCO P11000.7B

Encl: (1) Proposed Change 5 to Marine Corps Air Base East/Marine Corps Base, Camp Lejeune Logistics/Support Service Agreement for MCB, Camp Lejeune, MCAS(H), New River Consolidation Revision #1 dtd March 77

1. During reference (a), all aspects of the Maintenance Management System prescribed by reference (b) were reviewed. Agreements were reached regarding the participation by Marine Corps Air Station (Helicopter) in the budgeting, planning and execution of real property maintenance at the Air Station and are so reflected within the enclosure.

2. The enclosure is forwarded for your review and approval. It is requested that this Command be provided seven copies of the Proposed Change and Change Sheet.

C. G. Cooper
C. G. COOPER

CHANGE SHEET

Basic Agreement: MCABEAST/MCB, Camp Lejeune Logistics Support Service Agreement for MCB, Camp Lejeune/MCAS(H), New River Consolidation, Revision #1 dated March 1977

Change: #5 (The contents of this change will be incorporated in the basic agreement upon receipt).

Contents: Inclusion of Marine Corps Air Station (Helicopter) New River participation in the budgeting, planning and execution of Real Property Maintenance at the Air Station.

Action: Add Page I-4A (Enclosure (1)) within Section I, Support Provisions and Responsibilities. File this change sheet after Change #4 following "Terms of Agreement".

Certification: Reviewed and approved.

C. G. Cooper

C. G. COOPER, MGen, USMC
CG, MCB, Camp Lejeune, NC 28542

9 June 1982
Date

R. A. KUCI, MGen, USMC
COMCABEAST, Cherry Point, NC 28533

Date

FUNCTION	MCB, CAMP LEJEUNE	MCAS(H), NEW RIVER
Real Property Maintenance (Cont'd)	Provide copy of MCAS(H) Backlog of Maintenance and Repair (BMAR) Report and Projects Plan annually by 10 October. Assistance in reconciling status of outstanding work requests and active specific job orders upon request. Provide copy of Base Maintenance weekly work schedule. Provide copy of Base Maintenance Annual Work Program annually by 1 July. Provide copy of Base Maintenance Quarterly Work Program 30 days prior to beginning of quarter.	Provide a priority listing of Code 1 deficiencies from MCAS(H) BMAR for inclusion in the Base Maintenance Annual Work Program annually by 1 June. Quarterly reconcile status of outstanding work requests and active specific job orders with Base Maintenance, Operations Branch. Provide priority listing of work from the Annual Work Program desired for accomplishment each quarter. Required 45 days prior to beginning of quarter. Provide annual input for the Program Objectives Memorandum (POM) during November. Provide annual input for the Midyear Review and Budget during February and March. Conduct joint prevalidation survey of MCAS(H) Code 2 Backlog of Maintenance and Repair (BMAR) items with Marine Corps Base annually by September. Review and approve the MCAS(H) BMAR Report and Projects Plan annually by 1 October prior to submission to Headquarters Marine Corps. Review and approve the MCAS(H) Long Range Maintenance Plan (LRMP) annually by 1 November. Participate in the validation of the MCAS(H) Code 2 BMAR with CMC validator annually during December.

UNITED STATES MARINE CORPS
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J. W. MARVEL

V/G
NO.

ORDER OF BRIEFING

1. FY 82 TOTAL MRP Budget
   EXPLAIN $'s available for Specific work

2. FY 82 MCAS(H) Total Planned Maint,
   Does not include FAMILY HOUSING - approx $160,000 E/S

3. FY 82 MCAS (H) Planned Specific Work

3A. FY 82 MCAS(H) Planned Minor CONSTRUCTION

4. FY82 MCAS(H) Planned PM/cyclic Maint.

5. FY 82 MCAS (H) Planned Contracts

(6) FY 79 - FY 82 CONTRACTS PROGRAM

6. FY 82 MCAS(H) Planned Minor Construction

7. FY 81 MCAS (H) ACTUAL MAINT. COST

8A FY 81 MCAS (H) ACTUAL MINOR CONSTR. COST

→ 9. FY 79 - FY 82 CONTRACTS PROGRAM

10 COMPARISON MCB/MCAS(H) Real Property Assets

11. BUDGET SUBMISSION FOR CONSOLIDATION YEAR

12 MAINT STAFFING PRIOR TO CONSOLIDATION

13 PROPOSED MCAS(H) PARTICIPATION

PRESENTATION COPY:

GET COMPACT DISC
FROM AL SMITH

BRIEFING ON THE FISCAL YEAR 1982
PLANNED REAL PROPERTY MAINTENANCE PROGRAM

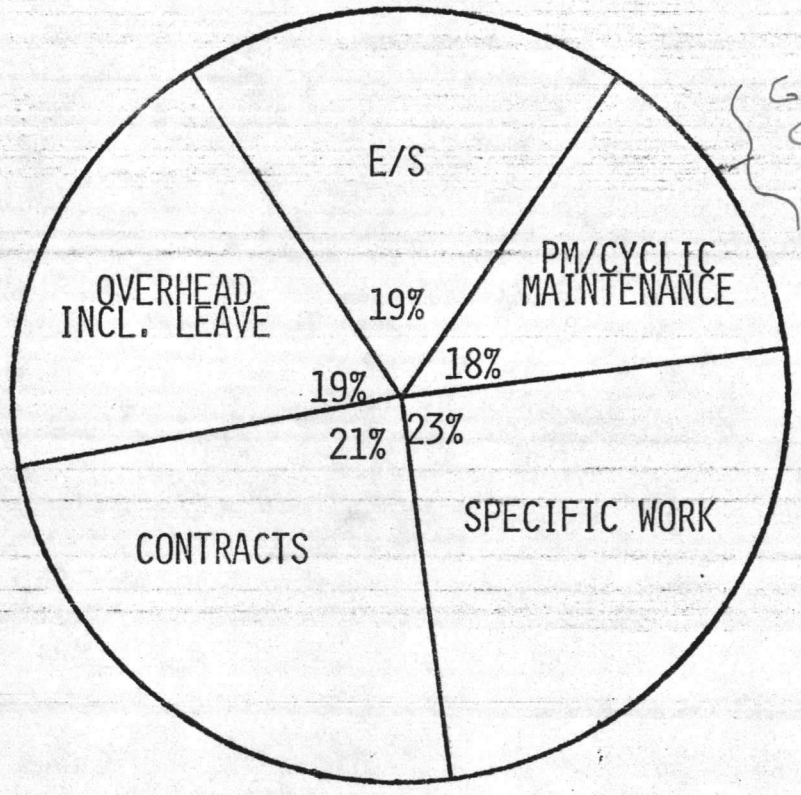
FOR

MARINE CORPS AIR STATION (HELICOPTER)
NEW RIVER, N. C.

MARINE CORPS BASE
CAMP LEJEUNE, N. C.
20 NOVEMBER 1981

1

FISCAL YEAR 1982 TOTAL MAINTENANCE AND REPAIR (M1) BUDGET



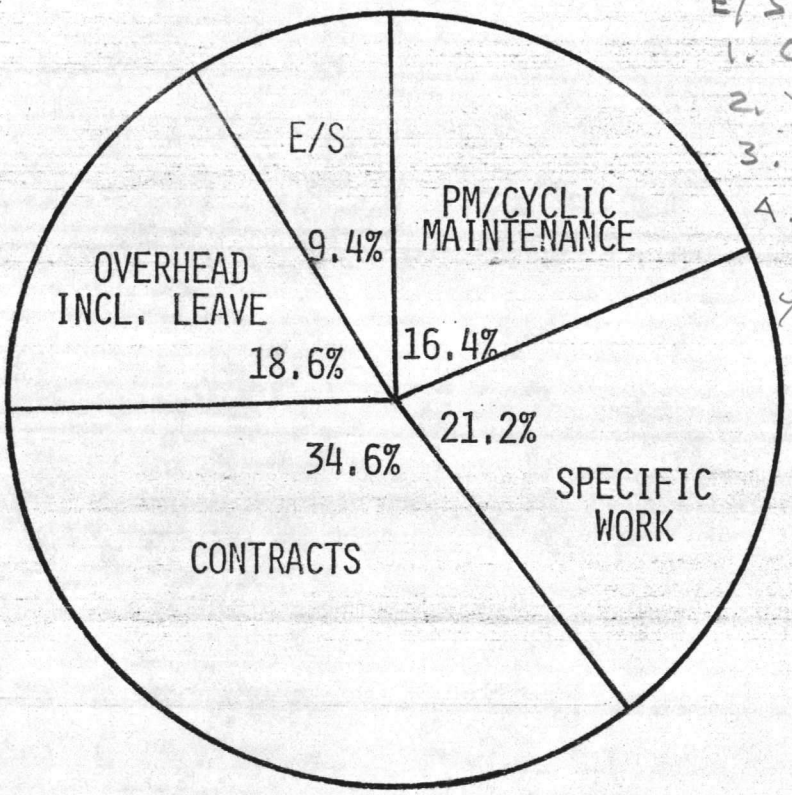
GROUNDS MAINT
GRASS CUTTING
PM H+C & A/C
Utilities Distr. S
Systems

EMERGENCY/SERVICE	$ 2,836,035
PM/CYCLIC MAINTENANCE	$ 2,786,562
SPECIFIC WORK	$ 3,418,072
CONTRACTS	$ 3,225,556
OVERHEAD (INCLUDING LEAVE)	$ 2,803,377
TOTAL	$15,069,602

2

MARINE CORPS AIR STATION (HELICOPTER), NEW RIVER, N.C.

FISCAL YEAR 1982 PLANNED MAINTENANCE



E/S - Smaller %
1. COMPACT AREA
2. YOUNGER FACILITIES
3.
4. 250-300 Tickets/WK

% SPECIFICS WILL will VARY year to year - Area CONCEPT
ALSO CONTRACTS

EMERGENCY/SERVICE	$ 230,000
PM/CYCLIC MAINTENANCE	$ 397,955
SPECIFIC WORK	$ 518,429
CONTRACTS	$ 848,865
OVERHEAD (INCLUDING LEAVE)	$ 456,950
TOTAL	$2,452,199

$$\frac{\text{MCAS(H) PLANNED}}{\text{TOTAL M-1 BUDGET}} \quad \frac{\$\ 2,452,179}{\$15,069,602} = 16.3\%$$

3

MARINE CORPS AIR STATION (HELICOPTER), NEW RIVER, N.C.

FY-82 PLANNED SPECIFIC WORK

TRAINING BUILDINGS	$ 24,051
STORAGE BUILDINGS	$ 44,048
ADMINISTRATIVE BUILDINGS	$ 11,740
INDUSTRIAL BUILDINGS	$106,366
MORALE/WELFARE/COMMUNITY BUILDINGS	$ 28,222
BEQ BUILDINGS	$ 49,096
BOQ BUILDINGS	$ 33,992
OPERATIONS FACILITIES	$ 13,245
AIRFIELD PAVEMENT	$ 54,586
UTILITIES BUILDINGS	$ 9,393
SUB-TOTAL - PLANNED SPECIFIC WORK	$374,739
→ SELF-HELP MATERIAL	$ 40,000
→ UNPROGRAMMED WORK (25%)	$103,690
GRAND TOTAL	$518,429

LISTING BY BUILDING AND JOB Attached IN PKG.

4

MARINE CORPS AIR STATION (HELICOPTER), NEW RIVER, N.C.

FY-82 PLANNED PREVENTIVE/CYCLIC MAINTENANCE

GROUNDS MAINTENANCE	$ 85,253
PEST CONTROL	$ 12,584
MAINTENANCE OF ROADS, STREETS AND AIRCRAFT PARKING APRONS	$ 54,267
PREVENTIVE/CYCLIC MAINTENANCE TO HEATING AND AIR CONDITIONING	$ 60,499
PREVENTIVE MAINTENANCE TO AIRFIELD AND EMERGENCY LIGHTING	$ 20,332
PREVENTIVE MAINTENANCE TO ELECTRIC DISTRIBUTION	$ 15,168
GARBAGE COLLECTION AND DISPOSAL	$ 62,749
MAINTENANCE TO P.O.L. FACILITIES	$ 37,076
UTILITIES MAINTENANCE	$ 34,380
LOAD TEST WEIGHT HANDLING EQUIPMENT	$ 15,647
TOTAL	$397,955

Detailed Listing by
I/O Attached

MARINE CORPS AIR STATION (HELICOPTER), NEW RIVER, N.C.

FY-82 PLANNED M-1 CONTRACTS

CONTRACT NUMBER	DESCRIPTION	COST
81-3579	REPLACE CONDENSATE PIPING AND HEAT EQUIPMENT, (4) BUILDINGS	$355,410
81-3593	REPAIR SWIMMING POOL, AS-709	$ 19,700
81-3624	REROOF FOUR BUILDINGS	$ 98,000
	INTERIOR PAINT, MCAS, AS-518 AND AS-4108	$100,000
	EXTERIOR PAINT, MCAS, (6) BUILDINGS	$ 59,500
	REROOF MCAS, (2) BUILDINGS	$ 26,500
	REPAIR WALKWAYS, AS-4020 AND AS-4025	$ 70,000
	REPAIR PARKING APRON, AS-840	$ 41,755
	REPAIR STEPS, AS-202	$ 20,000
	EXTERIOR REPAIRS, AS-705	$ 40,000
	MECHANICAL REPAIRS, SWIMMING POOLS, (3) BUILDINGS	$ 8,000
	REPAIR AND REFINISH CHAPEL PEWS, BUILDING AS-236	$ 10,000
	TOTAL	$848,865

NEXT SERIES OF SLIDES WILL SHOW PRIOR YEAR ACTUAL MAINT COSTS FOR MCAS(H) AND SOME STATISTICS RELATIVE TO CONSOLIDATE

MCAS (H) NR

FISCAL YEAR 1982 PLANNED MINOR CONSTRUCTION

1. APPROVED/FUNDED

   22 PROJECTS AS OF 18 NOV 1981 FOR A TOTAL OF $34,855.00

2. TENTATIVELY APPROVED (AWAITING TROOP TRAINING ESTIMATE (BILL OF MATERIAL) FROM AIR STATION)

   13 PROJECTS AS OF 18 NOV 1981 FOR AN ESTIMATED TOTAL OF $25 - 50K

3. TENTATIVELY APPROVED (PENDING ESTIMATES FROM THE PUBLIC WORKS DEPARTMENT)

   3 PROJECTS AS OF 18 NOV 1981 FOR AN ESTIMATED TOTAL OF $25 - 50K

4. DEFERRED PROJECTS

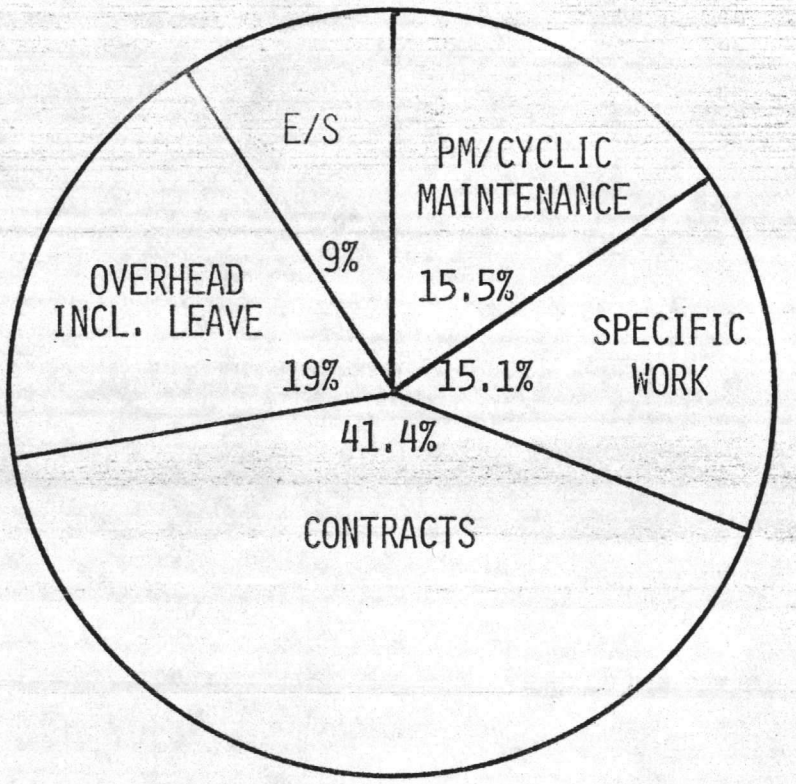
   26 PROJECTS WERE DEFERRED FOR CONSIDERATION LATE IN FY-82 OR FOR FY-83

ONLY → IT IS ANTICIPATED THAT APPROXIMATELY $65 - 95,000 OR 10 - 15% OF THE TOTAL R-1 CEILING OF $630,000 (MCB AUTHORIZATION) WILL BE EXPENDED FOR MCAS (H) NR MINOR CONSTRUCTION PROJECTS DURING FY-1982

9

MARINE CORPS AIR STATION (HELICOPTER), NEW RIVER, N.C.

FY-81 ACTUAL MAINTENANCE COST



EMERGENCY/SERVICE	$ 227,425
PM/CYCLIC MAINTENANCE	$ 393,046
SPECIFIC JOB ORDERS	$ 382,467
CONTRACTS	$1,047,040
OVERHEAD (INCLUDING LEAVE)	$ 482,088
TOTAL	$2,532,066

$$\frac{\text{TOTAL EXPENSED MCAS(H)}}{\text{TOTAL EXPENSED BASEWIDE}} = \frac{\$\ 2,532,066}{\$15,471,393} = 16.4\%$$

8

MARINE CORPS AIR STATION (HELICOPTER) NEW RIVER NC

FISICAL YEAR 1981

MINOR CONSTRUCTION PROJECTS (R-I)

MARINE CORPS AIR STATION TOTAL R-1	$74,891	= 12.1%
BASEWIDE TOTAL R-1	$620,090	

9

MARINE CORPS AIR STATION (HELICOPTER), NEW RIVER, N.C.

CONTRACTS PROGRAM FY-79 THROUGH FY-82

SUMMARY

	FY-79	FY-80	FY-81	FY-82	TOTAL
M-1	$228,884	$ 29,552	$1,047,040	$ 848,865	$2,154,341
M-2	$628,022	$1,449,469	$1,131,725	$1,656,429	$4,865,645
TOTAL	$856,906	$1,479,021	$2,178,765	$2,505,294	$7,019,986

FY		TOTAL MI CONTRACT $'S	% MCAS(H)
80	BUDGET	$1.9 MIL	
	OBLIG	2.6	1%
81	Budget	$2.3 MIL	
	OBLIG	$3.9 MIL	26.5%
82	BUDG	$3.2 MIL	26.3%

10

COMPARISON OF MARINE CORPS BASE AND

MARINE CORPS AIR STATION (HELICOPTER), NEW RIVER, N.C.

REAL PROPERTY ASSETS

	CPV (000'S)	PERCENT OF TOTAL	S. F. BUILDINGS	PERCENT OF TOTAL
MCB	$1,352,196	86.4	15,897,668 2,500P	88
MCAS(H)	$ 212,402	13.6	2,163,022 700	12
TOTAL	$1,564,598		18,060,690	

TWO WORKLOAD INDICES normally used in maintenance planning - CPV and SF of BLDG AREA

11

BUDGET SUBMISSION FOR CONSOLIDATION YEAR, FY 1975

MARINE CORPS BASE M1/R1	$5,809,010
MARINE CORPS AIR STATION (HELICOPTER) M1/R1	$ 886,000
TOTAL	$6,695,010

$$\frac{\text{MCAS(H) M1/R1}}{\text{TOTAL M1/R1}} = \frac{\$\ 886,000}{\$6,695,010} = 13.2\%$$

12

MAINTENANCE STAFFING PRIOR TO CONSOLIDATION COMPARED TO CURRENT STAFFING

	STAFFING PRIOR TO CONSOLIDATION		CURRENT STAFFING
	MCAS(H) PUBLIC WORKS	BASE MAINTENANCE DEPARTMENT	BASE MAINTENANCE DIVISION
ADMINISTRATION	11	16	13
MAINTENANCE CONTROL	6	20	23
WORK MANAGEMENT	3	7	12
SHOP FORCES	52	568	546
UTILITIES	18	156	189
HOUSING ADMINISTRATION	6	0	0
TRANSPORTATION	34	0	0
NATURAL RESOURCES	0	9	24
TELEPHONE	0	34	0
TOTAL	130 +	810 = 940	807

MAINT CONT'L - STAFF ENGR. - CONTRACTS COMM'L/IND. PROGRAM
W/R CLERK - Tickets for OUTLYING E/S SHOPS
L PÈE - ONLY Real increase in MAINT CONT'L
WORK MGMT - 5 add'l shop planners for improved materials control (accountability)

PROPOSED MCAS(H) PARTICIPATION IN BUDGETING, PLANNING AND BMAR

FY-82 MIDYEAR REVIEW - Equipment Fuel pay raises etc	FEBRUARY/MARCH 1982
FY-83/84 BUDGET	FEBRUARY/MARCH 1982
FY-82 BMAR REPORT AND PROJECTS PLAN EXPLAIN !!!	10 OCTOBER 1982 DEADLINE FOR SUBMISSION
FY-83 ANNUAL WORK PROGRAM	30 JUNE 1982
QUARTERLY WORK PROGRAM	30 DAYS PRIOR BEGINNING EACH QUARTER

PROGRESS REPORTS:

1. COPY OF COMPLETED JOB ORDERS	AS COMPLETED
2. CONTRACTS STATUS	MONTHLY

FY-82 PLANNED SPECIFIC MAINTENANCE

TRAINING BUILDINGS/MARINE CORPS AIR STATION RESERVE

BUILDING	DESCRIPTION	M/HRS.	LABOR	MATERIALS	TOTAL
Marine Corps Air Station Reserve		814	$10,769.	$5,385	$16,154.
AS320	Exchange Compressor			1,800.	1,800.
AS320	Repair Air Conditioner	20	290.	220.	510.
AS222	Repairs	30	397.	198.	595.
AS222	Remove wall	130	1,806.	609.	2,415.
AS222	Install Partition	Troop Training		232.	232.
AS4120	Replace ceiling tile	48	634.	463.	1,097.
AS222	Alter Elec. Service	36	522.	726.	1,248.
	TOTAL	1,078	$14,418.	$9,633.	$24,051.

STORAGE BUILDINGS

BUILDING	DESCRIPTION	M/HRS.	LABOR	MATERIALS	TOTAL
AS4110	Make Exterior Repairs	296	$3,783.	$3,032.	$6,815.
AS4110	Interior Repairs	19	262.	101.	363.
AS4117	Elec. Panel Repair	10	110.	330.	440.
AS4110	Repair Air Conditioners	8	116.	464.	580.
AS130	Replace Wood Bumpers	69	941.	130.	1,071.
AS130	Repairs	53	701.	2,351.	3,052.
AS424	Replace Lines and Heaters	534	6,224.	10,845.	17,069.
AS424	Repair Floor and Ceiling	60	689.	460.	1,149.
AS424	Install Wire Mesh	390	3,952.	2,636.	6,588.
AS582	Install Underground Conduit	26	308.	44.	352.
AS588	Repair Doors	98	1,297.	648.	1,945.
AS590	Exterior Repairs	129	1,707.	853.	2,560.
AS591	Repair Doors	104	1,376.	688.	2,064.
	TOTAL	1,796	$21,466.	$22,582.	$44,048.

ADMINISTRATION BUILDINGS

BUILDING	DESCRIPTION	M/HRS.	LABOR	MATERIALS	TOTAL
AS302	Replace Gate Valves	24	$ 330.	$ 297.	$ 627.
AS302	Install Steam Lines	9	130.	159.	289.

ADMINISTRATION BUILDINGS (continued)

BUILDING	DESCRIPTION	M/HRS.	LABOR	MATERIALS	TOTAL
AS4122	Replace Ceiling Tiles	48	$ 634.	$ 463.	$ 1,097.
AS3502	Rewind Motor	22	240.	160.	400.
AS3502	Repair Ceiling	300	3,969.	1,985.	5,954.
AS4122	Repairs/Paint	50	662.	330.	992.
AS217	Interior Repairs	120	1,588.	793.	2,381.
	TOTAL	573	$ 7,553.	$ 4,187.	$11,740.

INDUSTRIAL BUILDINGS

BUILDING	DESCRIPTION	M/HRS.	LABOR	MATERIALS	TOTAL
AS114	Interior Repairs	834	$11,034.	$ 5,517.	$16,551.
AS117	Interior Paint	25	331.	165.	496.
AS118	Repair Doors	100	1,323.	662.	1,985.
AS119	Repair Doors	75	992.	496.	1,488.
AS118	Replace Cement Block	65	860.	117.	977.
AS3504	Interior Repairs	305	3,949.	1,496.	5,445.
AS4106	Partial Paint	583	7,713.	3,854.	11,567.
AS518	Install Fluorescent Lts.	95	1,257.	829.	2,086.
AS585	Repair Doors	98	1,297.	648.	1,945.
AS4106	Masonary and Door Repair	129	1,534.	3,966.	5,500.
AS4108	Install Two Showers	81	971.	343.	1,314.
AS4108	Int. and Ext. Repairs	152	1,925.	1,455.	3,380.
AS4108	Replace Lamps	95	1,376.	5,791.	7,167.
AS4106	Repair Fluorescent Lts.			1,056.	1,056.
AS504	Install Exhaust Fan	30	430.	91.	521.
AS4106	Install Exhaust Fan	48	689.	186.	875.
AS504	Replace Walls	1,019	12,242.	8,449.	20,691.
AS504	Lighting Repairs	86	1,246.	6,242.	7,488.
AS504	Relamp Lighting	130	1,884.	2,832.	4,716.
AS504	Repair Motor	40	441.	295.	736.
AS504	Remove Door; Reinstall	30	435.	27.	462.
AS504	Install Electric Outlet	16	232.	59.	291.
AS504	Repair Stairs	26	358.	538.	896.
AS518	Repair Stairs	26	358.	538.	896.
AS515	Repair Steam Unit	51	567.	378.	945.
AS515	Repair Doors	83	1,149.	1,582.	2,731.
AS518	Replace Unit Heaters	16	219.	1,907.	2,126.
AS518	Resurface Parking Lot	27	306.	433.	739.
AS518	Replace Two Doors	35	507.	789.	1,296.
	TOTAL:	4,300	$55,625.	$50,741.	$106,366.

MORALE/WELFARE/COMMUNITY BUILDINGS

BUILDING	DESCRIPTION	M/HRS.	LABOR	MATERIALS	TOTAL
AS207	Repair Interior	142	$ 1,967.	$ 974.	$ 2,941.
AS2803	Repair Dock	164	2,170.	1,085.	3,255.
AS708	Repair Shower Stall	100	1,323.	662.	1,985.
AS414	Contract-Replace Doors			9,625.	9,625.
AS414	Fab. Metal Bench	14	202.	109.	311.
AS203	Repair Doors	40	529.	265.	794.
AS233	Correct Wiring	80	1,058.	530.	1,588.
AS205	Interior Repairs	180	2,281.	583.	2,864.
AS205	Replace Lighting	24	348.	197.	545.
AS208	Repair deep Fat Fryer	24	329.	12.	341.
AS234	Install Watthour Meter	10	145.	323.	468.
AS240	Repair Test Control Sys.	80	1,159.	340.	1,499.
AS901	Repair Air Conditioner	20	290.	1,054.	1,344.
AS901	Install 120 Volt Circuit	30	436.	226.	662.
	TOTAL	908	$ 12,237.	$15,985.	$ 28,222.

UNACCOMPANIED ENLISTED PERSONNEL HOUSING BUILDINGS

BUILDING	DESCRIPTION	M/HRS.	LABOR	MATERIALS	TOTAL
AS704	Paint 9 Rooms Complete	135	$ 1,859.	$ 254.	$ 2,113.
AS702	Paint 5 Rooms Complete	70	964.	163.	1,127.
AS704	Paint 5 Rooms Complete	70	964.	163.	1,127.
AS4015	Repair to Rooms Int.	68	1,304.	755.	2,059.
AS4015	Replace Venetian Blinds	16	220.	1,368.	1,588.
AS4025	Repairs to Int. and Ext.	218	2,985.	1,478.	4,463.
AS4020	Install Photo Elec. Cells	9	138.	92.	230.
AS4025	Install Photo Elec. Cells	10	138.	91.	229.
AS4025	Clean Coils for Heat/AC	80	1,159.	240.	1,399.
AS213	Repairs	137	1,813.	906.	2,719.
AS214	Repairs	137	1,813.	906.	2,719.
AS3620	Repair/Paint	143	1,892.	946.	2,838.
AS4010	Replace Doors	188	2,487.	1,244.	3,731.
AS211	Renovate Machine Room	70	951.	2,732.	3,683.
AS211	Replace Circulating Pump	8	116.	1,325.	1,441.
AS212	Repair Circulating Pump	8	116.	1,079.	1,195.
AS212	Replace Window Screens	165	2,272.	4,585.	6,857.
AS213	Paint Interior	Self-Help		1,485.	1,485.
AS213	Interior Repairs	153	2,061.	1,010.	3,071.
AS226	Repair Juice Dispenser	5	73.	69.	142.
AS226	Repair Rear Door	12	174.	1,332.	1,506.
AS4012	Interior Repairs	170	2,249.	1,125.	3,374.
	TOTAL	1,872	$ 25,748.	$23,348.	$49,096.

UNACCOMPANIED OFFICER PERSONNEL HOUSING BUILDINGS

BUILDING	DESCRIPTION	M/HRS.	LABOR	MATERIAL	TOTAL
AS705	Replace Insulation	31	$ 410.	$ 287.	$ 697.
AS705	Paint 5 Rooms Complete	105	1,446.	158.	1,604.
AS705	Replace Heat Exchanger	29	1,398.	2,327.	3,725.
AS705	Paint Int.-4th Floor	390	5,370.	608.	5,978.
AS705A	Replace 3 Doors	19	252.	899.	1,151.
AS705	Repair Walls	1,050	13,892.	6,945.	20,837.
	TOTAL	1,624	$22,768.	$11,224.	$33,992.

OPERATIONS FACILITIES

BUILDING	DESCRIPTION	M/HRS.	LABOR	MATERIAL	TOTAL
AS502	Replace Door Curtains	35	$ 507.	$ 1,414.	$ 1,921.
AS571	Construct Head Facilities	345	3,967.	3,410.	7,377.
AS132	Replace Roof w/ A Type	97	1,211.	565.	1,776.
AS154	Repair Fuel Tank Berm	164	1,800.	371.	2,171.
	TOTAL	641	$7,485.	$ 5,760.	$13,245.

AIRFIELD PAVEMENT/OAK GROVE

BUILDING	DESCRIPTION	M/HRS.	LABOR	MATERIAL	TOTAL
AS4101	Renovate Wash Rack	638	$ 6,658.	$ 6,463.	$13,121.
AS505	Renovate Wash Rack	627	6,571.	5,629.	12,200.
AS570	Install 2 Duct Adapters	24	348.	33.	381.
AS4104	Renovate Wash Rack	636	8,414.	4,207.	12,621.
AS4104	Renovate Wash Rack	455	5,004.	7,508.	12,512.
Oak Grove	Replace Roof	189	2,501.	1,250.	3,751.
	TOTAL	2,569	$ 29,496.	$25,090.	$54,586.

UTILITIES BUILDINGS

BUILDING	DESCRIPTION	M/HRS.	LABOR	MATERIAL	TOTAL
AS4151	Install Air Compressor	4	$ 58.	$ 4,000.	$ 4,058.
AS225	Repair Air Conditioner	8	116.	34.	150.
AS225	Contract-A/C			625.	625.
AS225	Replace Blower Motor	12	174.	2,012.	2,186.
AS4105	Replace Metal Door	13	185.	482.	667.
AS4105	Repairs/Paint	86	1,138.	569.	1,707.
	TOTAL	123.	$ 1,671.	$ 7,722.	$ 9,393.

GRAND TOTAL $374,739.00

MARINE CORPS AIR STATION (HELICOPTER), NEW RIVER, N.C.

RECURRING MAINTENANCE - 04 - FY-82

Job Description	Cost
Spray herbicide on new growth in semi-improved areas	$ 3,579
Sweep streets and parking lots	6,664
Recurring maintenance bituminous roads	10,380
Sweep aircraft parking aprons	22,930
Cut road shoulders	7,085
Cut grass semi-improved areas	1,414
Cut grass improved area	52,508
Cut public lawns	16,179
Spray mess halls	2,375
Spray mosquitoes	10,209
PM compactors	2,749
Recurring maintenance on compressors	5,595
Garbage collection	60,000
Repair unpaved roads	13,872
Haul beach sand for water plants	10,605
Turn-on heat	370
Winterize air conditioners	532
PM window air conditioners	2,785
Spray water tank fences	116
Spray ballfields	264
Spray around signs	2,207
Spray around power poles	1,277
Spray around steam lines	1,045
PM refrigerator units	3,080
Clean coils - heating and air conditioning units	20,696
Maintenance to heating, ventilation and air conditioning controls	8,596
Replace filters	22,480
Service dryer exhaust systems	1,960
Recurring maintenance to steam distribution	18,180
Repairs to liquid fuel facilities	6,704
Service oil separators	18,308
Pump out grease traps	12,064
Maintenance to taxiway and runway lights	13,132
Load test and inspect weight handling unit	15,647
PM emergency lighting	7,200
Relamp street lights	13,040
Repairs to electric distribution	2,128
Total	$397,955

MARINE CORPS AIR STATION (HELICOPTER), NEW RIVER, N.C.

CONTRACTS PROGRAM FY-79 THROUGH FY-82

FY-79 - M-1

CONTRACT NUMBER	DESCRIPTION	COST
77-2560	Interior paint petroleum tanks (6)	$ 8,650
78-3047	Repair roofs, AS-4106 and AS-518	58,915
78-3055	Reroof AS-710	37,519
78-3022	Paint and reroof AS-302	6,700
78-3029	Exterior paint	73,500
79-2603	Repair Taxiway "A"	43,600
	Total	$ 228,884

FY-79 - M-2

76-6800	Replace two water wells	$ 144,350
77-2515	Struc/elec/mech repairs, AS-515	234,672
78-3003	Struc/elec repairs AS-226	249,000
	Total	$ 628,022

FY-80 - M-1

78-3048	Replace fascia AS-901	$ 17,952
79-2625	Exterior paint (34 bldgs)	10,600
79-2621	Exterior paint AS-234	1,000
	Total	$ 29,552

FY-80 - M-2

78-3004	Reroof AS-504	$ 272,729
78-3013	Struc/elec/mech repairs AS-4108	589,600
78-3011	Struc/repairs, repair A/C AS-208	124,914
79-2664	Asphalt resurfacing, basewide	146,000
78-3041	Replace petroleum tanks, AS-526 and AS-527	179,700
79-4479	Reroof AS-518	136,526
	Total	$1,449,469

FY-81 - M-1

80-2045	Paint elevated water tanks, SAS-310	$ 8,333
79-2646	Restore cathodic protection, water tanks, (2)	5,937
80-2013	Interior paint MCAS(H), (7)	74,727
80-2009	Replace roofs, 27 bldgs.	109,180

CONTRACT NUMBER	DESCRIPTION	COST
	FY-81 - M-1 Continued	
80-2008	Replace wire & lights, (1) bldg.	$ 7,316
80-2054	Demolition (15) bldgs.	52,275
80-2044	Replace cond. piping, AS-504	57,300
80-2047	Replace stairs, AS-4010	69,108
Air Force	Paint striping	23,000
81-3564	Replace overhead doors, AS-114	12,559
79-2679	Maint. of vent hoods, (2) bldgs.	905
81-3606	Replace cathodic protection, Fuel Farm	5,373
81-3563	Replace water piping, AS-110	16,840
81-3585	Reroof MCAS, (3) bldgs.	105,840
81-3566	Restripe aircraft parking and taxiway	23,200
81-3589	Exterior paint, (14) bldgs.	38,440
81-3629	Replace steam and condensate lines, (3) bldgs.	29,000
81-3562	Repair and paint water tanks (2)	18,607
81-3554	Repair water plant equipment, AS-110	31,100
81-3588	Paint interior, MCAS (14) bldgs.	253,000
81-3589	Paint exterior, MCAS (9) bldgs.	61,000
81-3591	Repair tennis courts (2)	44,000
	Total	$1,047,040
	FY-81 - M-2	
79-3096	Rebuild elec. substation, MCAS	$ 159,600
79-4498	Repairs to AS-202 gym	253,155
79-4499	Repair taxiways/resurface Runway 18-36	449,900
79-4501	Repair aircraft parking apron	152,803
80-2068	Resurface roads, MCAS	49,814
80-2078	Repair ballfield lighting, AS-246	66,453
	Total	$1,131,725
	FY-82 - M-1	
81-3579	Replace condensate piping and heat equipment, (4) bldgs.	$ 355,410
81-3593	Repair swimming pool, AS-709	19,700
81-3624	Reroof four bldgs.	98,000
	Interior paint, MCAS, AS-518 and AS-4108	100,000
	Exterior paint, MCAS (6) bldgs.	59,500
	Reroof MCAS, (2) bldgs.	26,500
	Repair walkways, AS-4020 and AS-4025	70,000

CONTRACT NUMBER	DESCRIPTION	COST
	FY-82 - M-1 Continued	
	Repair parking apron, AS-840	$ 41,755
	Repair steps, AS-202	20,000
	Exterior repairs, AS-705	40,000
	Mech repairs swimming pools (3) bldgs.	8,000
	Repair and refinish Chapel pews, Bldg. AS-236	10,000
	Total	$ 848,865
	FY-82 - M-2	
80-0400	Repair airfield lighting, MCAS	$ 245,500
80-0401	Replace roof, AS-4108	63,829
80-0432	Repair Runway 5-23	168,400
80-0436	Replace boiler casing, AS-4151	150,000
	Replace fire alarm systems	260,000
	Replace security fence, OG	120,200
	Repair parking areas	268,500
	Reroof, repair and paint AS-702 and AS-704	380,000
	Total	$1,656,429

MARINE CORPS AIR STATION (HELICOPTER), NEW RIVER, N.C.

CONTRACTS PROGRAM FY-79 THROUGH FY-82

SUMMARY

	FY-79	FY-80	FY-81	FY-82	Total
M-1	$228,884	$ 29,552	$1,047,040	$ 848,865	$2,154,341
M-2	$628,022	$1,449,469	$1,131,725	$1,656,429	$4,865,645
Total	$856,906	$1,479,021	$2,178,765	$2,505,294	$7,019,986

F-sgW:M/kkk
7300
7 Oct 1981

From: Commander
To: Commandant of the Marine Corps (Codes L, A, F)

Subj: Transfer of Real Property and Funding Support from MCB Camp Lejeune, NC to MCAS(H), New River

Ref: (a) CMC ltr LPP-MB-34 11011/40/150 of 17 Jan 1974

1. Back in the early 1970s, after many months of negotiations, a workable procedure relative to the consolidation of the maintenance functions of Marine Corps Air Station (Helicopter) (MCAS(H)), New River with Marine Corps Base (MCB), Camp Lejeune, was finally agreed upon. One of the provisions of this agreement was to transfer the subject Real Property (Classes I and II, Personnel Assets, plus Supportive Funding to the accounts of the Commanding General, MCB, Camp Lejeune. By reference (a) this consolidation was approved and implementation occurred on 1 July 1975. At that time the mass transfer of both property and associated funding was accomplished along with 166 civilian ceiling points. From that point the Commanding Officer, MCAS(H), New River has operated under a negotiated support agreement with Camp Lejeune for their housekeeping requirements, never knowing the total funding requested or expended to maintain the Air Station.

2. By-in-large, the consolidation has worked but since the original agreement was negotiated and put into effect, some of the functions previously moved to Camp Lejeune have subsequently been returned, with Headquarters approval, to MCAS(H), New River:

a. Security and Law Enforcement

b. Photographic Facilities

c. Training Support Center

d. Communication-Electronics

e. Bachelor Housing (BOQ).

Industrial Safety is now being studied for possible deconsolidation. In any event, this migration back to New River points up the possibility that perhaps the remaining requirements of the original agreement should be re-examined, particularly any part which precludes the Commanding Officer of the Air Station from having adequate management flexibility. This is the situation now existing in the area of total funding assigned, as the Air Station is unable to compute and/or cost out the total Marine Corps funds currently being utilized to maintain this major Marine Corps activity.

C O P Y

3. Under the approved agreement, all the Air Station's Real Property (Classes I and II) has a Camp Lejeune property number assigned (67001) and is accounted for as Camp Lejeune property, likewise the funding to support maintenance, utility costs, etc., is included in Camp Lejeune's funding base. From the above it can be readily seen that the Commanding Officer, New River can neither track nor participate in planning for those amounts currently being expended on Air Station building and grounds. He is unable to prioritize what he feels are their repair and/or maintenance requirements, based on any previously accumulated costs or any other criteria. He is totally dependent on the priorities established by an outside command. However, in all fairness, we realize that Camp Lejeune's maintenance force must establish their total priorities to answer, not only New River's needs, but also those of MCB, FSSG, and the 2nd Division. One fact still remains, the circumstance is such that this primary command function has been removed from the New River Commanding Officer's prerogative. Additionally, we now have the problem, from time to time, when New River forwards a request for work to be done, the question is asked by MCB personnel, "Who will fund this job?" This makes it difficult since New River is not funded for maintenance or grounds functions. Obviously this has been caused by personnel changes and their lack of knowledge, as to the requirements of the original agreement. Whatever the reason, it merely adds to the commander's dilemma, since he does not account for New River property nor is he assigned financial assets that would enable him to respond to the question of "who pays."

4. As can be seen, we now have a commander who on the surface is assigned to manage all facets of an Air Station, but when it comes to a most important function, housekeeping, he cannot readily react. This causes somewhat of an enigma in the day-to-day decision making processes of the commander.

5. At this point we would like to offer up a solution that would, we feel, afford New River the option of: (1) Negotiating with Camp Lejeune or (2) going to an outside source if Camp Lejeune could not respond. We are not suggesting nor requesting that the original New River Maintenance Force Personnel Ceiling points be returned. But we feel that the Real Property (Classes I and II less family housing) should be moved back to the accout of the Commanding Officer, New River (62573), and that O&M Marine Corps funding, all functional categories, should also be returned to the Commander's COMCABEAST Expense Operation Budget (EOB) for sub-allocation to the Commanding Officer, New River. When this has been accomplished, New River could then negotiate their maintenance work from Camp Lejeune but if MCB would not be in a position to provide the desired services, they could then go to a commercial source to get this work accomplished. Under this change, New River would have an alternative course of action as they would have both the funds and the property under their responsibility, and the Commander would obviously have the ability to determine priorities based on the criticality of the work required to be performed.

6. When this change has been effected and becomes operative, it is anticipated that most of the funding returned to New River would continue to be forwarded to Camp Lejeune in the form of reimbursable work orders. But again, under this change, New River would have an important option that is not available to them presently. Additionally, New River would be in the position to determine and prioritize their minor repair projects which are now combined with Camp Lejeune's because New River's maintenance dollars are included in the MCB maintenance floor.

COPY

F-stgW:M/kkk
7300

7. Therefore, in order to give the Commanding Officer, MCAS(H), New River authority commensurate with responsibility, it is strongly requested that the Air Station's Real Property (Classes I and II) and the supportive O&M, Marine Corps Funding (all functional category codes, FCC including their Maintenance Floor) be returned to the Air Station. Additionally, at least 8 civilian ceiling points now involved in maintenance administration, transferred when the original agreement was initiated, should also be returned from MCB Camp Lejeune thus affording New River a nucleus of planning personnel to accomplish this task.

R. A. KUCI

Copy to:
CG, MCB Camp Lejeune
CO, MCAS(H), New River

COPY

WASH RACKS

LOCATION	JO ISSUED	STATUS
AS-4101	4-21-81	Awaiting replacement of Air Compressor stolen from AS-505
AS-505	9-29-81	work in progress - using A/C ordered for AS-4101
AS-4104	4-21-81	completed
AS-513	12-18-80	completed

7 JAN

	ACTION	INFO	INITIAL
BMO		✓	Bill
ABMO		✓	BWR
MAINT NCO			
SAFETY CHMN			
PROP			
M&R			
OPNS		✓	RMD
ADMIN		✓	S
TELE			
UTIL			
ENVIRON AFF			
SECRETARY			
F&A BRANCH			
UMACS			

I almost forgot about this problem! — 10 months is not bad lead time to tell us it does not work!

Bill

T-4330

PUBLIC WORKS DEPARTMENT
Building 1005, Marine Corps Base
Camp Lejeune, North Carolina 28542

In reply refer to

PWO:403:AWH:sh
PWD 79-32
4 JAN 1980

From: Public Works Officer
To: Base Maintenance Officer

Subj: Aircraft Washracks, MCAS(H), New River

Ref: (a) BMO ltr MAIN/RMD/clm 4330 dtd 12 Mar 79

1. In response to reference (a), an engineering study of subject washracks has been conducted by this office.

2. Subject washracks are comprised of four (4) concrete wash aprons, Structures Nos. AS-505, 513, 4101, and 4104. Utilities are provided for aircraft washing at eight (8) equipment shelters, Structures Nos. AS-540, 541, 542, 543, 4133, 4134, 4135, and 4136, which are located on the aforementioned wash aprons.

3. The existing equipment shelters were designed to provide compressed air, 300 PSIG wash water, station pressure cold water, 150 PSIG steam, 155° F. (min.) water, 50 PSIG steam with detergent injection, 220 volt, 60 Hz, 3 Ph power receptacle, and 120 volt, 60 Hz, 1 Ph power receptacle. All of the aforementioned were provided with hoses, nozzles, quick-connects, automatic pneumatic drive hose reels, etc.

4. The majority of the equipment necessary for the wash system to function as designed is either missing or not repairable without replacement.

5. Field investigations confirm the accuracy of the conditions as stated in reference (a).

6. A meeting with MCAS(H) New River officials and Mr. Wayne Hellams (MCB PWD) was held on 13 December 1979.

a. Actual problems encountered during aircraft and support equipment washing/cleaning were presented.

b. Definitive criteria applicable to the washing/cleaning of equipment and aircraft were reviewed and it was determined that a genuine need exists for most of the utilities previously installed with the subject washracks.

c. The possibility of using portable steam/pressure cleaners was discussed, but determined to not be entirely feasible.

PWO:403:AWH:sh
PWD 79-32

d. It was decided that MCAS(H) New River will determine actual utility requirements -- pressures, temperatures, etc. needed for the proper cleaning/washing of air frames and supporting equipment, and will forward information with a request for redesign of washrack systems to the Public Works Officer for project preparation and cost estimate.

7. For further information contact Wayne Hellams at X-3238.

V. Podbielski

V. PODBIELSKI

Copy to:
AC/S, Fac
CO MCAS(H) (S-4)

BASE MAINTENANCE DEPARTMENT
Marine Corps Base
Camp Lejeune, North Carolina 28542

MAIN/RMD/clm
4330
12 March 1979

From: Base Maintenance Officer
To: Public Works Officer

Subj: Aircraft Washracks at Marine Corps Air Station (Helicopter), New River

Ref: (a) CG, 2d MAW msg 022254Z Mar 79

1. Reference (a) contains requirements criteria for aircraft washracks. Additionally, reference (a) pointed out that a number of washracks at Marine Corps Air Station (Helicopter), New River are inoperable and in need of major repairs.

2. The subject washracks have a long history of problems dating back to the time they were installed. The original installations had no provisions for freeze protection and subsequent modifications to protect them from freezing have not been entirely successful. The degree of sophistication of design of the washracks resulted in installations of such complexity as to cause constant problems for both the operator/user and maintenance personnel.

3. At the present time, Base Maintenance is making every effort to effect repairs to the washracks which at the minimum will provide a supply of cold water at each wash station. In order to return the washracks to their original design capability, a major repair project will be required.

4. Base Maintenance questions the wisdom of expending the effort and funds to restore the units to their original configuration in view of past inability to operate and maintain them satisfactorily. It is requested that the Public Works Officer investigate the possibility of redesigning the washracks to provide less complicated more reliable installations which will be easier to operate and maintain.

T. R. BAISLEY

Copy to:
CO, MCAS(H)
AC/S, Fac

MAIN

R 022254Z MAR 79
FM CG SECOND MAW
TO CG FMFLANT
INFO ZEN/COMCABEAST CHERRY PT NC
MCAS BEAUFORT SC
MCAS H NEW RIVER NC
CG MCB CAMP LEJEUNE NC
BT
UNCLAS //N04750//

// COMM NOTE//
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OTHER COPIES

PAGE 02 RULSSGG1297 UNCLAS
SC 11
FMFLANT FOR AWSS BASE FOR G-4
CORROSION PREVENTION/CONTROL PROGRAM
A. CG FMFLANT 272022Z FEB 79
B. CNAL INST 4750.2H
1. IAW THE REF (A) THE FOLLOWING IS SUBMITTED.
2. MCAS CHERRY PT NC.
OF THE THREE WASH RACKS "TYPE A" (NAVFAC P80. 116-10) ONLY ONE IS OPERATIONAL. NAVFAC P80 STATES ONE WASH RACK OF "TYPE A" IS REQUIRED FOR EACH 80 VA/VE ACFT OOR 40 ROTORY WING ACFT. ALL 2D MAW ACFT EXCEPT KC-L30S ARE TO BE WASHED TWICE MONTHLY, 80 ACFT EQUATES TO 160 WASHES PER MONTH, 20 AVG WORK DAYS PER MONTH EQUATES TO 8 WASHES PER DAY PER WASH RACK, ALLOWING FOR A FEW DAYS OF FREEZING TEMPS WHEN NO ACFT MAY BE WASHED WOULD CAUSE A FOURTH DAY WASH REQUIREMENT OF 32 ACFT, IF ALL THREE WASH RACKS WERE OPERATIONAL.
A POLUTION ABATEMENT PROJECT P789 FY80 INCLUDES CONSTRUCTION OF FOUR "TYPE A" WASH RACKS BUT DOES NOT INCLUDE INCLOSING ANY. THE FY82 MILCON INCLUDES THE CONSTRUCTION OF ONE ADDITIONAL "TYPE A" WASHRACK.

MAR 9 1979

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BMO
ABMO
NREAD
Admin D.
Oper D.
M&R D.
Tele D.
Util D.
F&A O.
Prop O.
MME
Maint NCO
Secretary

022254 Mar

PAGE 03 RULSSGG1297 UNCLAS
FLAMMABLE STORAGE: PROJECT P814 IS PLANNED FOR A FLAMMABLE STORAGE BUILDING FOR NAVY SUPPLY. NO OTHER FLAMMABLE STORAGE FACILITIES ARE PLANNED. THERE ARE NO ADEQUATE FLAMMABLE MATERIAL STORAGE FACILITIES IN ANY GROUP OR SQDN AREA. A SURVEY OF ALL 2D MAW UNITS IS UNDERWAY TO DETERMINE TOTAL REQUIREMENTS PRIOR TO REQUESTING MILCON FUNDING. FURTHER, ACTION IS BEING TAKEN TO REQUEST A CHANGE TO NAVFAC P80 TO INCLUDE REQUIREMENTS FOR ENCLOSED WASH FACILITIES AND CLIMATICALLY CONTROLLED FLAMMABLE MATERIAL STORAGE FACILITIES. TO ALLEVIATE THE FLAMMABLE STORAGE PROBLEM, ALL 2D MAW SQDNS HAVE BEEN DIRECTED TO PURCHASE OSHA/FIRE UNDERWRITERS APPROVED FLAMMABLE STORAGE LOCKERS FOR USE IN SHOP/WORK CENTER AREA. INCL 5 REF B REFERS.
3. MCAS BEAUFORT SC.
A PROJECT, C-38-78, "CLIMATE CONTROL FLAMMABLE STORAGE" FOR A CENTRAL AIR COND AND HEATED STORAGE FACILITY, HAS BEEN SUBMITTED. A PROJECT, C-40-78, "SQDN FLAMMABLE STORAGE BUILDINGS" FOR EIGHT BUILDINGS, HAS BEEN SUBMITTED. NAVFAC CHARLESTON HAS BEEN CONTACTED TO DEVELOPE CRITERIA FOR THESE FACILITIES.
WASH RACKS: A PROJECT, C-42-78 "ACFT WASHRACK 594" HAS BEEN SUBMITTED. THIS WILL PROVIDE A SECOND WASH RACK OF "TYPE A" NAVFAC

PAGE 04 RULSSGG1297 UNCLAS
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4. MCAS (H) NEW RIVER NC.
INFORMATION ON FUTURE PROJECTS AT MCAS N.R. HAVE NOT BEEN RECEIVED BY THIS HQTRS AFTER REPEATED REQUESTS OF MAG-26/29 TO PROVIDE SAME. THE ONE ACFT RINSE FACILITY IN THE MAG-26 AREA IS IN SERIOUS DISREPAIR AND OPERATIONAL FOR SHORT PERIODS OF TIME FOLLOWING TEMP REPAIRS. OF THE TWO "TYPE A" WASH RACKS IN THE MAG-26 AREA, ONLY ONE IS OPERATIONAL. NEITHER IS ENCLOSED.
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PAGE 05 RULSSGG1297 UNCLAS SVC
PAINTS TO MAG-29 ACFT.
BT
#1297

TOR: 081722Z MAR 79/31
INFO: FAC, MAIN

MARINE CORPS BASE
CAMP LEJEUNE, NORTH CAROLINA

"The World's Most Complete
Amphibious Training Base"

From: Base Maintenance Officer
To: Ops

Subj: See Para MCAS New River
I find the comments relative
to permit conditions of existing
facilities to be a "list."
What are the known Maintenance
problems associated w/ wash rac
and flammable storage bldgs?

Bailey

274

MAIN

MAR 5 1979

DISTRIBUTION

LBMO
LABMO
NREAD
Admin D.
Oper D.
M&R D.
Tele D.
Util D.
F&A O.
Prop O.
MME
Maint NCO
Secretary

VZCZCRB4492
RTTUZYUW RULSSGG3174 0612254-UUUU--RUCLBRA.
ZNR UUUUU
R 022254Z MAR 79
FM CG SECOND MAW
TO RUECLFA/CG FMFLANT
INFO ZEN/COMCABEAST CHERRY PT NC
RUCLNSA/MCAS BEAUFORT SC
RUEBNMA/MCAS H NEW RIVER NC
RUCLBRA/MCB CAMP LEJEUNE NC
BT
UNCLAS //N04750//
SC 11
FMFLANT FOR AWSS BASE FOR G-4
CORROSION PREVENTION/CONTROL PROGRAM
A. CG FMFLANT 272022Z FEB 79
B. CNAL INST 4750.2H
1. IAW XHE REF (A) THE FOLLOWING IS SUBMITTED.
2. MCAS CHERRY POINT N.
OF THE THREE WASH RACKS "TYPE A" (NAVFAC P80. 115-10) ONLY ONE IS OPERATIONAL. NAVFAC P80 STATES ONE WASH RACK OF "TYPE A" IS REQUIRED FOR EACH 80 VA/VE ACFT OR 40 ROTORY WING ACFT. ALL EQUATES TO 160 WASHES PER MONTH, 20 AVG WORK DAYS PER MONTH EQUATES

PAGE 02 RULSSGG3174 UNCLAS
TPO 8 WASHES PER DAY PER WASH RACK, ALLOWING FOR OF FEW DAYS OF FREEZING TEMP WHEN NO ACFT MAY BE WASHED WOULD CAUSE A FOURTH DAY WASH REQUIREMENT OF 32 ACFT, IF ALL THREE WASH RACKS WERE OPERATIONAL.
A POLUTION ABATEMENT PROJECT P789 FY80 INCLUDES CONSTRUTION OF FOUR "TYPE A" WASH RACKS BUT DOES NOT INCLUDE INCLOSING CONSTRUCTION ANY. THE
FY82 MILCON INCLUDES THE CONSTRUCTION OF ONE ADDITIONAL "TYPE A" WASHRACK.
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MAR 3 07 11 79

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PAGE 03 RULSSGG3174 UNCLAS
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BT
#3174
TOR: 030711z MAR 79/25
INFO: FAC, MAIN

MAR 3 07 11 79

$160,590.00

$17,827.00

2nd. AS-505 - WASH RACK - CONSTRUCTED - 1969

$85,145.00

SENIOR - AS-513 (RINSE UP) - WASH RACK - CONSTRUCTED - 1967

$39,791.00

AS-4101 - WASH RACK - CONSTRUCTED - 1969

$17,827.00

AS-4104 - WASH RACK - CONSTRUCTED - 1967

P.W. HAD MAINT. AT TIME

THE ORIGINAL DESIGN OF THESE UNITS WAS MUCH TO SOPHISTICATED FOR THE END USE (WASHING AIR-CRAFT): PNEUMATIC MOTORS ON REELS (FOR REWINDING OF STEAM, AIR, WATER HOSES) AIR SUPPLY FOR THESE CAME FROM ADJACENT HANGERS (250'-300' AWAY) RUN UNDERGROUND WITH NO FACILITIES FOR DRYING THE AIR PRIOR TO SUPPLYING MOTORS, HIGH CONDENSATE BUILD UP, RENDERING THE MOTORS USELESS.

PUMPS WERE INSTALLED IN THE SYSTEM TO PROVIDE 300 PSI WATER PRESSURE AT HOSE CONNECTION AT WASH STATIONS. DETERGENT STORAGE TANK/PUMPS WERE PROVIDED WITH PIPEING OUT TO EACH STATION.

NO PROVISIONS WERE DESIGNED IN THE SYSTEMS TO PREVENT FREEZING. FIRST YEAR UNITS FROZE COMPLETELY AND BURSTED HOSES, PIPE, VALVES ETC. COST TO REBUILD $7,000 - $8,000 EACH SITE. SAY. $30,000.

HISTORY PRIOR TO CONSOLDATION

IN ORDER TO PREVENT FUTURE FREEZE UP'S, SHEDS WITH FOLDING TYPE DOORS WERE BUILT AROUND EACH EXPOSED STATION AND A THERMOSTATIC CONTROLED ELECT. HEATERS WERE INSTALLED.

PRIOR TO THE COLD SEASON ELECT HTRS. WERE STOLEN FROM THE SITES, THESE WERE REPLACED SEVERAL TIMES AND THESE WERE ALSO STOLEN. DURING THESE TIMES THESE SITES FROZE SEVERAL TIMES (3) AT A LIKE COST TO REPAIR. STEAM HEATERS WERE INSTALLED AFTER IT WAS APPARENT THE ELECT. WOULD NOT STAY. THESE WERE VANDILIZED AND RENDERED USELESS. OTHER ACTS OF VANDALIZAM WERE CONSTANTLEY BEING COMITTED, BROKEN DOORS, WINDOWS, MOTORS AND HOSES STOLEN ETC. PUMP HOUSE, SHEDS ETC. WERE USED FOR STORAGE AND NO LONGER USED AS A WASH STATION.

AIR STATION WAS CONSOLITED WITH CAMP. LESEUNE. IN 74. AT THIS TIME THE WASH RACKS WERE IN A VERY BAD STATE OF REPAIR DUE PARTIALLY TO DESCONSERN OR NON-USE BY THE AIR-STATION GROUPS. (NO MEASURES WERE TAKEN TO PREVENT THE VANDALISM, PUMP HOUSES AND APRON AREAS BEING USED FOR STORAGE AND OTHER OPERATIONS.)

IN LATE 79 - EARLY 80 A REQUEST WAS SUBMITTED BY THE AIR STATION TO REPAIR THE WASH RACKS.

ON SITE INSPECTIONS INDICATED THAT 95% OF THE CONPONANTS WOULD HAVE TO BE REPLACED WITH NEW, DUE TO THE HIGH COST OF REPLACING THE EQUIPTMENT TO ITS ORGINAL DESIGN. THE IDEA OF RE-DESIGN CAME UP AND THE REQUEST WENT TO P.W. FOR A NEW DESIGN IN A MUCH SIMPLER MODE, SEVERIAL WEEKS PASSED AND P.W. DECIDED THEY COULD NOT DO THE DESIGN IN THE TIME FRAME REQUESTED BY THE AIR STATION. BASE MAINT TOOK THE JOB BACK FOR ACCOMPLISHMENT BY IN HOUSE PERSONEL (DESIGN AND CONSTRUCTION). AIR STATION WAS CONTACTED AS TO EXACTLEY WHAT WAS REQUIRED BY (NAVAIR) AFTER APPROX. SIX WEEKS WITH NO REPLY THE AIR STATION WAS CONTACTED AND A MEETING WAS SET UP BETWEEN BASE MAINT. AND THE AIR STATION FACILITIES OFFICER, AND AN AIRCRAFT MAINT. REP. FROM EACH GROUPE. IN THIS MEETING IT WAS DECIDED THAT STATION PRESSURE WATER & AIR WERE THE ONLY FACILITIES NEEDED, STEAM WOULD BE NICE TO HAVE.

THE WASH RACKS WERE RE-DESIGNED AND WRITTEN UP TO BE WORKED BY STATION MAINT. PERSONEL, JOB WAS PLACED ON (HIGH PRIORITY) AND IS 90% COMPLETE AT THIS TIME.

(NOTE) AS-505 HAD AN AIR-COMPRESSOR IN THE BLDG. THAT WAS TO BE USED IN THE NEW DESIGN PLAN. AT TIME OF CONSTRUCTION AIR COMPRESSOR HAD BEEN STOLEN. NEW UNIT HAD TO BE PURCHASED. ADDED COST - $3171.00

11/4/81 MR. SUTTON

A & B side INSTALLED 1969
PWD bought in 1971 but
wasn't satisfactory -
LANTDIV Engineers modified
finally first used 15 DEC 1972

C & D System completed Summer
of 1972 - Did not work -
modified but still did
not work.
NO 7 station modified
by Base Maintenance approx
1975/76
E & D Tanks were found
leaking - Contract was
let to replace tanks.
FUEL DIV SUBMITTED W/R ON VALVES TO S-4
Did not include Valves.
Air Station did not submit
work Request for valves until
CONTRACT Completed to install Tanks

Replacement of fuel tanks for C & D refuelers.

Project submitted	15 NOV 1977
CONTRACT AWARDED	11 APR 1980
Preconstr. Conf	1 MAY 1980
CONTRACT compl.	19 Dec 1980
W.R. submitted	15 FEB 1980
J/O issued	10 APR 1981

FY1975		CIV HRS	LABOR	MAT	CONTR	OTHER	TOTAL
MCB	MI	603,428	4,114,690	1,249,120	54,870	190,350	5,609,010
	RI	14,138	86,500	111,000		2,500	200,000
			4,201,170	1,360,120	54,870	192,850	5,809,010
MCAS(H)	MI	103,457	662,103	106,717	9,648	83,032	861,500
	RI	3482	19,500	5,000	—	—	24,500
			681,603	111,717	9,648	83,032	886,000

13%

SOURCE: FY 75/76 Budget Submission 30 April 1974

		HRS	LABOR	MAT/CONTR/OTHER	TOTAL
FY81	MI	642,069	8,430,075	7,103,689	15,533,764
	RI	14,062	180,285	392,449	572,734
		656,131	8,610,360	7,496,138	16,106,498

SOURCE OBLIGATION PERFORMANCE REPORT FOR TOTAL
JOB ORDER EXPENSE REPORT FOR LABOR
(DIFFERENCE IN LABOR + TOTAL IS MAT/CONTR

7820 C/S	164,592	2,152,917	641,374	2,794,291
7910 CPR SUPR	96,685	1,463,131	254,036	1,717,167
7920 PHR SUPR	55,295	817,652	9,064	826,716

FY 82 MI BUDGET SUMMARY BY WGC

11-17-81

WGC		MAN HRS		LABOR COST	MAT'L COST	EQUIP COST	CONTRACT COST	TOTAL COST
01	EMERGENCY	22833		2511683	60404	15143		327230
02	SERVICE	175056		1929603	463105	116097		2508805
03	SJO-UNEST	30445		335588	57050	20191		412829
04	SJO - EST	175056		1929603	328033	116097		2373733
05	SPECIFIC	152223		1677920	1639198	100954		3418072
	MI CONTRACTS						3225556	3225556
	TOTAL PROD.	555613	73%	6124397	2547790	368482	3225556	12266225
	MAINT CONTL			538185				
10	SUPV.	57084		629224				
11	ADMIN/CLERIC	4567		50341				
12	IND. Support	15983		176177				
13	LEAVE	121778		1342332				
14	ALLOWED TIME	6089		67118				
	TOTAL O'HEAD	205501	27%	2803377				2803377
	GRAND TOTAL	761114		8927774	2547790	368482	3225556	15069602
	MAN years	365.9						

		%
E/S	2836035	19
S.J.O.	2786562	18
SPEC. J.O.	3418072	23
CONTRACTS	3225556	21
OVERHEAD	2803377	19
TOTAL	15069602	100

CONTRACTS PROGRAM FY-79 through FY-82
MARINE Corps Air Station (Helicopter) New River, N.C.

~~COMPLETED CONTRACTS~~

FY-79 - M-1

Contract Number	Description	Cost
77-2560	Interior paint petroleum tanks (6)	$ 8,650
78-3047	Repair roofs, AS-4106 and AS-518	58,915
78-3055	Reroof AS-710	37,519
78-3022	Paint and reroof AS-302	6,700
78-3029	Exterior paint	73,500
79-2603	Repair Taxiway "A"	43,600
	Total	$228,884

FY-79 - M-2

76-6800	Replace two water wells	$144,350
77-2515	Struc/elec/mech repairs, AS-515	234,672
78-3003	Struc/elec repairs AS-226	249,000
	Total	$628,022

FY-80 - M-1

78-3048	Replace fascia AS-901	$ 17,952
79-2625	Exterior paint (34 bldgs)	10,600
79-2621	Exterior paint AS-234	1,000
	Total	$ 29,552

FY-80 - M-2

78-3004	Reroof AS-504	$272,729
78-3013	Struc/elec/mech repairs AS-4108	589,600
78-3011	Struc/repairs, repair A/C AS-208	124,914
79-2664	Asphalt resurfacing, basewide	146,000
78-3041	Replace petroleum tanks, AS-526 and AS-527	179,700
79-4479	Reroof AS-518	136,526
	Total	$1,449,469

FY-81 - M-1

80-2045	Paint elevated water tanks, SAS-310	$ 8,333	
79-2646	Restore cathodic protection, water tanks, (2)	5,937	
80-2013	Interior paint MCAS(H), (7)	~~64,828~~	~~248,949~~ 74,727
80-2009	Replace roofs, ~~four~~ buildings 27	~~64,828~~	~~581,100~~ 109,180
80-2008	Replace wire & lights, one building	7,316	
80-2054	Demolition 15 buildings	52,275	
80-2044	Replace cond. piping, AS-504	57,300	
80-2047	Replace stairs, AS-4010	69,108	
Air Force	Paint striping	23,000	

Contract Number	Description	Cost
	FY-81 - M-1 Continued	
81-3564	Replace overhead doors, AS-114	$ 12,559
79-2679	Maint. of vent hoods, two bldgs.	905
81-3606	Replace cathodic protection, Fuel Farm	5,373
81-3585	Reroof MCAS, three buildings	105,840
81-3563	Replace water piping, AS-110	16,840
81-3566	Restripe aircraft parking and taxiway	23,200
81-3589	Exterior paint, 14 buildings	38,440
81-3629	Replace steam and condensate lines, three buildings	29,000
81-3562	Repair and paint water tanks, two	18,607
81-3554	Repair water plant equipment, AS-110	31,100
81-3588	Paint interior, MCAS, 14 buildings	253,000
81-3589	Paint exterior, MCAS, nine buildings	61,000
81-3591	Repair tennis courts, two	44,000
	Total	~~$992,347~~ ~~1,099,582~~ 1047,040
	FY-81 - M-2	
79-3096	Rebuild elec. substation, MCAS	$ 159,600
79-4498	Repairs to AS-202 gym	253,155
79-4499	Repair taxiways/resurface Runway 18-36	449,900
79-4501	Repair aircraft parking apron	152,803
80-2068	Resurface roads, MCAS	49,814
80-2078	Repair ballfield lighting, AS-246	66,453
	Total	$1,131,725
	FY-82 ~~[illegible]~~ - M-1 (CONTRACT PROGRAM MCAS(M))	
81-3579	Replace condensate piping and heat equipment, four buildings	$355,410
81-3593	Repair swimming pool, AS-709	19,700
81-3624	Reroof four buildings	98,000
	Interior paint, MCAS, AS-518 and AS-4108	100,000
	Exterior paint, MCAS, six buildings	59,500
	Reroof MCAS, two buildings	26,500
	Repair walkways, AS-4020 and AS-4025	70,000
	Repair parking apron, AS-840	41,755
	Repair steps, AS-202	20,000
	Exterior repairs, AS-705	40,000
	Mech repairs swimming pools, three buildings	8,000
	~~Total~~	~~$838,865~~
	REPAIR AND REFINISH CHAPEL PEWS - BLD-AS-336	10,000.
	TOTAL	848,865.

Contract Number	Description	Cost
	FY-82 ~~or FY-83~~ - M-2	
80-0400	Repair airfield lighting, MCAS	$ 245,500
80-0401	Replace roof, AS-4108	63,829
80-0432	Repair runway 5-23	168,400
80-0436	Replace boiler casing, AS-4151	150,000
	Replace fire alarm systems	260,000
	Replace security fence, OG	120,200
	Repair parking areas	268,500
	Reroof, repair and paint AS-702 and AS-704	380,000
	Total	~~$1,666,429~~
		1,656,429

CONTRACTS PROGRAM FY-79 Through FY-82
MARINE Corps Air Station (Helicopter) New River, N.C.

SUMMARY

Revise

	FY-79	FY-80	FY-81	FY-82	FY-82-83	Total
M-1	$228,884	$ 29,552	$ ~~517,200~~ 1,047,040	$ ~~884,847~~ 848,865	$ ~~365,755~~	$2,026,238 2,154,341
M-2	$628,022	$1,449,469	$1,131,725	~~$ 627,729~~ 1,656,429	~~$1,028,700~~	~~$4,865,645~~ 4,865,145
Total	$856,906	$1,479,021	~~$1,648,925~~ ~~2,178,477~~ 2,178,765	~~$1,512,576~~ 2,505,294	~~$1,394,455~~ 1,666,429	$6,891,883 7,019,986

This sheet only to be done as a viewgraph transparency.

	MCB, CLNC	MCAS(H), NR	TOTAL
FY-71 Budget, M1/R1	$ 4,326,000	$ 427,000	4,753,000
FY-81 Budget, M1/R1	13,014,754	1,287,173 ✓	14,301,927
FY-81 Expensed, M1/R1	13,563,339	1,908,054 ✓	15,471,393
FY-71-81 % increase	214%	347%	226%
FY-71 CPV	450,000,000	57,000,000	507,000,000
FY-81 CPV	1,352,196,970	212,401,574	1,564,598,544
FY-71-81 % increase, CPV	200%	273%	209%
FY-71 Civilian workforce	810	127 ~~130~~	937 ~~940~~
FY-81 civilian workforce	816	0	816

CATEGORIES OF MAINTENANCE EXPEDITURES, MCAS(H), NR

Specific job orders	$ 347,575	+ 31,092 = 378,667
Emergency/Service work	227,425	
Recurring maintenance	309,615	
Self-help material	31,092*	combine w/ specifics
M-1 Contracts	992,347	– error – changed to 1,047,040
Total	1,908,054 ✓	
M-2 Contracts	1,131,725 ✓	
Grand total	$ 3,039,779	

	FY 82 Direct MAN yrs	FY 82 Reimb MAN yrs	FY 81
D	1		
M	387.5	11.4	(98.9 in 1981)
P	61.7	3.9	(18.4 " ")
R	7.8	1.2	117.3
S	8.0	1.7	1.2
			1.7
	465.0 +	18.2	120.2

465	465
18.2	120.2
483.2	586.2
ADMIN (P-1)	11.0
	575.2
OPN'S	35.0
	559.2

TOTAL M1	$ 15,000,000
CONTRACTS	3,200,000
	11,800 000

O'HEAD	27 %	3,186,000	21.24
E/S	26 %	3,068,000	20.45
PM/CYC	27 %	3,186,000	21.24
SPEC	20 %	2,360,000	15.73
CONTRACTS		3,200,000	21.33
		15,000,000	99.99

	MCB ($ MIL)	%	MCAS ($ MIL)	%	TOTAL ($ MIL)
O'HEAD	2.86	89.4	.34	10.6	3.2
E/S	2.77	92.4	.23	7.6	3.0
PM/CYC	2.89	90.4	.31	9.6	3.2
SPEC	2.05	85.5	.35	14.5	2.4
CONTR	2.21	69.1	.99	30.9	3.2
TOTAL	12.78	85.2	2.22	14.8	15.0

LABOR

FY 82

BUDGET

D1	$26,364	
M1	8,927,774	– (562,711 MAINT CONTL)
P1	1,552,929	– (315,476 ADMIN DIV)
R1	168,387	878,187
S1	220,235	
	10,895,689	
	878,187	
	10,017,502	

D2	957
R7	22,961
M2	1,990,114
P2	376,544
S2	40,457
REIMB	2,431,033
Direct	10,017,502
	12,448,535

12,448,535 X .13 = 1,618,309 SHOP O'HD

538,185 MAINT CONTL

2,156,494

TOTAL OVERHEAD (LABOR)

M1	1,632,640
M2	30,308
M2	10,772
M2	22,599
M2	20,237
M2	67,925
P1	97,060
	1,881,541

M & R DIVISION

Overhead & Supervision (WC 30)

Director	1	GS-13	
Sec'y	1	GS-5	
Dispatcher	1	WG-8	?
E/S Gen Fn	1	WS-14	✓
Gen'l Trades Fn	1	WS-15	✓
Bldg Trades Fn	1	WS-12	✓
Pipe Gen'l Fn	1	WS-12	✓
Grnd WS-14 strc Gen'l Fn	1	WS-14	✓ + Sec'y GS-4
ELEC FN WS	1	WS-12	✓
Trans Gen Fn	1	WS-12	✓ + Sec'y GS-03
Supv Landscape	1	GS-09	
Insect Vector	1	Typist GS-3	
	14		

BRANCH	3
E/S	106
STRUC UNIT	116
ELEC UNIT	64
PL/PIPE UNIT	63
metal	21
	181

FY 82 M1 BUDGET	$ 15,105,602
CONTRACTS	3,225,556
	11,880,046
MAINT CONTL D&U	562,711
	11,317,335
MAT'L	2,547,790
	8,769,545

O'Head 27%	2,367,777 ←
MAINT CONTL	562,711
	2,929,488
LEAVE	284,935
	3,214,423

Adrian Maredy suggested:

1. Identity Total E/S, PM & cyclic maint Requirements for total complex

2. Of The resources remaining for specifics, what is planned for MCAS (H)

FY 82 MAINT PLAN - MCAS(H)

01/02 E/S

03/04 PM/CYCLIC

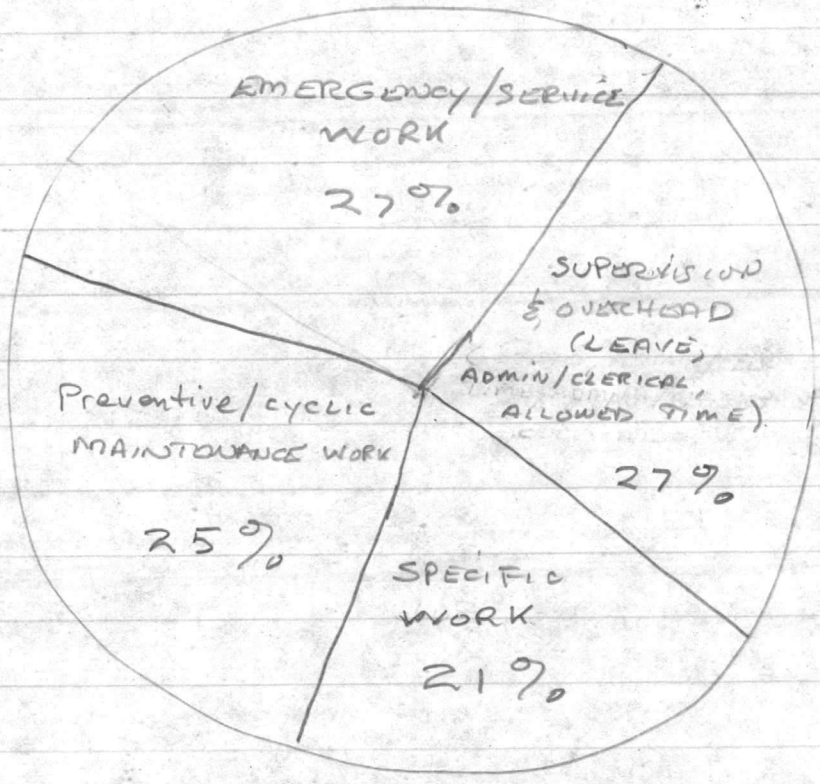
05 SPECIFIC

10 - 14 OVERHEAD

1. Determine total resources available for specific work, man hours & #'s

2. indicate how the plan divides up the resources for specifics

	SUPV	PROD	TOTAL
SHOP 31	1	-	1
MEAS/TC	2	35	37
TT/LCH	1	18	19
MP	1	10	11
PP	1	9	10
FC	1	16	17
BB	1	10	11
TOTAL	8	98	106


EMERGENCY/SERVICE WORK
27%
SUPERVISION & OVERHEAD (LEAVE, ADMIN/CLERICAL, ALLOWED TIME)
27%
SPECIFIC WORK
21%
Preventive/cyclic MAINTENANCE WORK
25%

LABOR ANALYSIS REPORT:

EMERG	34520	11.7	192,877
Serv	261,050	88.3	
TOTAL	295,570		

BUDGET DATA — M1 FY82:

	HOURS	MATL COST	LABOR COST	EQUIP COST	TOTAL COST
CAC 7820 E/S	180,318	559,962	2,378,269	80,371	3,018,602
CAC 7830 E/S	12,559	15,648	160,932	6,351	182,931
TOTAL	192,877	575,610	2,539,201	86,722	3,201,533

Reapportion by Labor analysis

	HOURS	MATL COST	LABOR COST	EQUIP COST	TOTAL COST
EMERG	22,567	67,348	297,092	10,147	374,587
SERVICE	170,310	508,262	2,242,109	76,575	2,826,946
	192,877	575,610	2,539,201	86,722	3,201,533

EQUP USE:

$510,894 ÷ 844,230 = $.605 / PROD MAN HR

FY 1982 BUDGET SUMMARY

	M1	M2	R1	R2
L (TRAVEL)	1,000	—	—	
Q (CONTRACTS)	3,225,556	2,024	124,597	
T (MAT'L)	2,547,790	71,010	332,492	246,951
U (LABOR)	8,962,774	220,768	168,387	22,961
W (EQUIP)	368,482	17,199	4,924	851
TOTAL	15,105,602	311,100	630,400	

MARINE CORPS AIR STATION (H)

SPECIFIC WORK 1979 - 1981	$ 1,042,724.
COMPLETED TICKETS FY-81	227,425.
SELF-HELP PAINT FY-81	31,092.
RECURRING MAINTENANCE (04) FY-81	309,615

FY 79	170 148
FY 80	322, 153.
FY 81	281, 100
carryover from FY81	$ 113,724

SPECIFIC WORK FOR MARINE CORPS AIR STATION (H)
(1979 - 1981)

Building	DESCRIPTION OF WORK	COST
110 (2-15-80)	Repair sewer lines outside building	$ 1005.
5-24-79	Provide service contract to modify pump controller	308.
2-23-79	Replace two plug valves to spiractors	1842.
2-11-81	Lubricate, inspect & repair fire hydrant	1166.
2-27-81	Requisition and install parts on water pump	927.
6-26-81	Clean out water treatment settling pond	768.
9-24-80	Paint exterior of building one coat as per inspection	1180.
6-9-80	Repair gears for filter backwash valve	560.
4-11-80	Replace degenerated and damaged control wires	1994.
7-22-80	Inspect load test handling equipment	609.
6-23-80	Provide parts and labor to repair rotary actuator	1478.
	TOTAL	$11,837.
112	2-27-81 Make exterior repairs/interior repairs	$ 2139.
	TOTAL	$ 2139.
116	8-22-80 Exterior repairs: replace roll roofing, facia, eaves	$ 8909.
	TOTAL	$ 8909.
117	4-13-79 Exterior repairs before contract painting	$ 200.
	7-24-81 Replace exterior flush type door, jamb, casing, stop	496.
	TOTAL	$ 696.
118	6-22-79 Fabricate 16 special bolts for crane	$ 619.
	11-9-79 Clean up oil spill near building	299.
	11-7-80 Flush/test sprinkler system	53.
	10-30-79 Flush/test sprinkler system	53.
	2-27-81 Replace floor tile & baseboard (2) offices	772.
	TOTAL	$ 1796.
119	3-14-80 Fabricate and install window security bars	$ 435.
	8-14-81 Install outlet in dispatchers shack	190.
	TOTAL	$ 625.

Building		Description of work	Cost
121	12-20-80	Damage Report	$ 3398.
		TOTAL	$ 3398.
122	8-22-80	Exterior repairs: replace roll roofing, facia, eaves	$ 4455.
	11-7-80	Assist fire department test/flush sprinkler	431.
	9-7-79	Install security bars over air register in evidence locker	125.
	6-20-80	Modify doors and walls of evidence room	1247.
	10-30-79	Assist fire department test/flush sprinkler system	53.
	10-4-80	Replace four defective street lights	1229.
		TOTAL	$ 7540.
124	1-4-80	Replace roof and ceiling in & over head	$ 1396.
	6-8-79	Install outlets for computer equipment	85.
	8-29-80	Install dust collector in carpentry shop	911.
	1-15-81	Interior repairs and paint	4830.
		TOTAL	$ 7212.
129	3-20-79	Make Exterior repairs	$ 475.
		TOTAL	$ 475.
130	11-9-79	Repair two warehouse bay doors	$ 589.
	7-20-79	Remove old incadescent/install 8' fluorescent button buzzer system, window A/C drain	1629.
	6-8-79	Remove incandescent lights replace with fluorescent fixtures	486.
	5-25-79	Make repairs to pipe insulation	407.
	6-11-79	Install steam coil in existing air handling unit	1524.
	3-20-81	Replace two door frames, resecure guttering	1326.
	12-19-80	Install two 2.5 ton A/C in computer room	4911.
	9-5-80	Replace floor tile heater room	372.
	3-21-80	Repair A/C	1242.
	—	Replace wood bumper guards on back up ramp	1071.
		TOTAL	$13,557.

Building	Description of work	Cost
131	5-30-80 Replace air lines in wells	$ 1904.
	9-22-80 Pull repair/replace reinstall well pump	2642.
	11-3-80 Provide labor and material to procure turbine bowl assembly	1911.
	9-22-80 Pull repair & reinstall well pump	1674.
	TOTAL	$ 8131.
132	4-24-81 Replace door and frame	$ 655.
	— Replace built-up roof with "A" type shingle roof, paint exterior two coats complete	1776.
	TOTAL	$ 2331.
133	7-25-80 Replace post and guardrail	$ 474.
	TOTAL	$ 474.
140	8-29-80 Install strainer on AUGAS receiving line	$ 262.
	TOTAL	$ 262.
141	8-29-80 Install strainer on AUGAS receiving line	$ 262.
	TOTAL	$ 262.
143	9-28-79 Replace two Mogas Pumps	$ 2268.
	4-13-79 Point up block wall and patch walls	308.
	TOTAL	$ 2576.
144	4-10-81 Repair leak in 6" fuel line	$ 664.
	3-15-79 Replace metal doors with spanel wood doors	169.
	TOTAL	$ 833.
145	3-28-80 Repair fuel leak at fuel farm	$ 1068.
	TOTAL	$ 1068.

Building	Description of work	Cost
146 8-15-79	Replace metal doors with 5panel wood doors	$ 169.
3-30-79	Repair leak in underground JP-5 fuel line between valve pit #7 and booster pit	262.
4-20-79	Repair leak at fuel farm	819.
	TOTAL	$ 1250.
157	Build up and repair fuel tank berms	$ 2171.
	TOTAL	$ 2171.
201 11-21-80	Repair water line	$ 437.
3-14-81	Treat building for termites	298.
3-21-80	Repair heating system	1051.
3-20-81	Replace heat exchanger in furnace	883.
	TOTAL	$ 2669.
202 9-18-81	Rewind repair electric motor pool area	$ 598.
4-3-81	Install two glass backboards	1330.
6-12-81	Make repairs, point up joints and repair	6991.
2-4-81	Provide labor/material Repair two chlorinator	1993.
4-7-80	Install new outlets and drop-in fluorescent fixture	645.
3-14-80	Replace duplex bilge pump unit in mechanical room	5722.
3-7-80	Replace float and gate valve for pool	2377.
2-15-80	Make minor building repairs	641.
2-1-80	Install new scoreboard	276.
8-24-79	Replace metal doors and jambs from pool side	1257.
5-18-79	Make interior/Exterior repairs	2383.
	TOTAL	$23,213.
203 5-30-80	Replace air lines in wells	$ 633.
4-20-79	Replace roof, gravel stop and patch metal window	779.
	TOTAL	$ 1412.
204 8-5-80	Requisition and install pool filters	$ 4858.
6-13-80	Replace missing louver in filter room wall	323.
5-8-80	Requisition and install valve for pool	1002.
	TOTAL:	$ 6183.

Building	Description of work	Cost
205	— Interior repairs and paint interior	$ 2864.
	— Replace lighting over pinsetting machine	545.
7-10-81	Replace A/C Compressor	1299.
11-14-80	Replace condensate pump at building	1070.
6-8-79	Replace compressor on air conditioner unit	858.
	TOTAL:	$ 6636.
207 4-13-81	Replace doors and jambs in two openings	$ 846.
6-13-80	Repair to racquetball court and paint	2992.
	TOTAL:	$ 3838.
208 7-31-81	Install one 220 volt 20 amp receptacle in bar on stage	$ 348.
8-7-81	Repair Air Conditioner	4311.
6-5-81	Install pre-hung door in wall/ paint two coats	214.
—	Repair deep fat fryer	341.
4-16-80	Replace hot water storage tank with instantaneous package unit	2099.
5-2-80	Fabricate & hang three doors on commode stalls	350.
—	Procure contract to replace one pair of double aluminum doors and frame	975.
	TOTAL:	$ 8638.
211	— Renovate machine room and equipment	$ 3683.
	— Replace circulating pump	1441.
5-9-80	Construct dental offices	2568.
6-9-80	- Clean cooling coils, drain and pan	880.
3-6-81	Repair ceiling, walls and ceramic tile	3383.
8-8-81	- Repaint parking lot	948.
9-9-80	Install new partition & door, cut opening	2238.
1-26-79	Clean two shell & tube condensers on 85 ton chill	531.
9-28-79	Replace centrifugal pump on A/C system	1227.
	TOTAL:	$ 16899.

Building	Description of work	Cost
212 3-27-81	Repair ceiling and tile	$ 1635.
7-4-80	Replace locks	533.
—	Replace pump on heating system	1412.
9-28-79	Paint interior	11579.
12-21-79	Install pump	629.
8-24-79	Replace floor tile	789.
3-21-80	Replace pump on heating system	1550.
5-23-79	Replace condensate receiver	1035.
—	Repair circulating pumps	1195.
—	Replace window screens	6857.
	TOTAL:	$ 21214.
213 —	Paint interior	$ 1485.
—	Interior repairs	3071.
3-13-81	Repair ceiling and tile	1602.
6-9-80	Clean cooling coils	700.
	TOTAL:	$ 6858.
214 —	Repair circulating pump	$ 597.
—	Repair interior	4317.
8-7-81	Replace tube bundle	389.
8-14-81	Replace exit devices	211.
8-14-81	Interior repairs	3138.
8-14-81	Replace door and frame	728.
	TOTAL:	$ 9380.
215 5-16-80	Install outlets and vents	$ 1533.
2-1-80	Paint interior	14314.
	TOTAL:	$ 15847.
216 80 —	Construct partition	$ 240.
81	Construct offices	1525.
80	Modify head	2037.
80	Install fire exit device on door	126
	TOTAL:	$ 3802.

Building		Description of work	Cost
218	81 -	Replace double doors	$ 586.
	81 -	Replace steel doors and paint	1533.
	80 -	Install window A/C	400.
		TOTAL:	$ 2519.
222	—	Remove wall, relocate electric	$ 2415.
	—	Install partition	232.
	6-5-81 -	Install vent hoods	2423.
	6-19-81 -	Replace 400 HZ frequency changer	17592.
	6-19-81 -	Repair A/C	1082.
	6-5-81 -	Replace P.R.V. on steam service	1000.
	4-10-81 -	Fabricate and install 16 projection screens	390.
	3-27-81 -	Replace metal doors and frame	2189.
	2-4-81 -	Install concrete block wall	1576.
	1-25-80 -	Repair A/C	4444.
	12-28-79 -	Patch floor and replace tile	1877.
	9-21-79 -	Treat for termites	2000.
		TOTAL:	$ 37229.
224	2-22-81 -	Interior repairs and paint	$ 2406.
		TOTAL:	$ 2406.
225	81	Repair A/C	$ 176.
	—	Air Conditioning contract	625.
	6-28-79	Replace 15 H.P. motor	533.
	81	Replace safety switches, magnetic starters on 15 H.P. motors	4129.
	—	Replace blower motor	2186.
	79 -	Replace motor on A/C	533.
	10-81 -	Repair A/C System	569.
	80	Replace fan sections on water tower	1930.
	80	Replace double doors	1425.
	—	A/C Contract	625.
		TOTAL:	$ 23831.
226	—	Repair juice dispensers	$ 200.
	81	Paint scullery	428.
	80 -	Replace compressor	8300.
	80 -	Replace heat exchanger	603.
	80 -	Replace meat freezer door and frame	2037.
	80	Repair and paint A/C System	792.
	80 -	Anchor steam kettles	829.
	80 -	Repair drain	720.

Building		Description of work		Cost
226	80	Replace dishwasher		$ 2087.
	79-	Reglaze windows		979.
			TOTAL:	$ 16975.
232	81-	Repair A/C System		$ 385.
	81	Patch plaster and replace tile		5818.
	81-	Repair ceiling and paint		3481.
	79	Repair A/C		1600.
	79	Replace compressor		1159.
#233-	← 80-	Modification to bldg. (Sey-bilp)		7850
			TOTAL:	$ 12443.
234	79	Exterior repairs		$ 568.
	—	Install watthour meter		468.
	81	Interior repairs		4900.
			TOTAL:	$ 5936.
236	3-28-80	Interior and exterior repairs		$ 7383.
			TOTAL:	$ 7383.
240	81	Interior repairs		$ 1288.
	79	Repair A/C System		731.
	79	Balance air flow in heat system		498.
	—	Test sprinkler system		100.
	—	Repair, calibrate, test controls system		1499
			TOTAL:	$ 2617.
246	79-	Replace lights for ball park		$ 3924.
			TOTAL:	$ 3924.
299	79-	Exterior repairs		$ 568.
			TOTAL:	$ 568.

Building		Description of work	Cost
302	80 -	Repair air compressor system	$ 434.
	79 -	Reestablish roof drain	494.
	—	Replace gate valves	627.
		Rpr - clean lines in disp	459.
		Install steam & return lines for autoclave	289
		TOTAL:	$ 1555.
312	79 -	Replace condensate receiver pump	$ 978.
	81	Interior repairs	2127.
	81	Repair A/C	580.
	79	~~Replace condensate pump~~	~~978.~~
		TOTAL:	$ 4663.
320	79	Test sprinkler system	$ 281.
	79	Seal cracks	759.
	79	Install telephone junction box	175.
	81	Repair A/C	3768.
	81	Repair A/C	424.
	—	Exchange compressor	1800.
		TOTAL:	$ 7207.
414	—	Contract- replace doors	$ 19250.
	81 -	Replace gaskets on reefer	333.
	79 -	Install expanded metal soffit	572.
	79 -	Fabricate ducts and install	2124.
	—	Fab./paint/metal bench - 1/farme	311
		TOTAL:	$ 22279.
416	80 -	Repair damaged wall	$ 182.
		TOTAL:	$ 182.
424	81 -	Install xerox receptacle	$ 298.
	—	Replace condensate lines and unit heaters	17069.
		Int- rprs. to floor - ceiling	149
		Install wire mesh partition - new section	6548
		TOTAL:	$ 17367.

Building	Description of work	Cost
425	81 - Harden security	$ 419.
	81 - Interior repairs	1042.
	80 - Replace 200 amp switch	682.
	79 Replace A/C Compressor	1155.
	79 Replace four unit heaters	2690.
	TOTAL:	$ 5988.
502	81 - Repair two roll-up doors	$ 1246.
	81 - Interior repairs	3525.
	80 Install electric for hose dryer	347.
	— Replace door curtain -	1921
	TOTAL:	$ 5118.
504	— Replace substandard walls	$ 22082.
	— Lighting repairs	7488.
	81 - Install window A/C unit	472.
	81 - Install freezeless faucet	193.
	81 - Install receptacles	2388.
	81 - Install breaker panel	894.
	80 - Repair blowers on A/C	595.
	80 - Repair roll-up door	469.
	80 - Repair cranes	667.
	80 - Repair water leak under building	2838.
	80 - Install lights and receptacles	464.
	80 - Install exhaust fans	791.
	80 - Install new fixtures	418.
	80 - Repair roll-up doors	1124.
	80 - Replace doors	344.
	80 - Fabricate and install window	389.
	80 - Install vapor security lights	642.
	80 - Replace condensing unit	1104.
	79 - Install fluorescent lights	1409.
	79 - Repair sprinkler system	622.
	79 - Material for fire protector system	1112.
	79 - Replace air compressor	1145.
	79 - Replace condensor coil	886.
	80 - Interior repairs	3788.
	79 - Replace drain valves	1397.
	79 Install dryer outlet	361.
	79 Repair roll-up fire door	330.
	79 - Contract - rebuild hoist	400.
	— Relamp floor fixtures	4716. 736
	— Repair 400 HZ. motor generator — TOTAL:	$ 58062.
	— Remove existing door, reverse - reinstall - 462	
505	— Renovate wash racks	$ 12200.
	TOTAL:	$ 12200.

Building		Description of work	Cost
507	81 -	Clean up oil spill	$ 470.
		TOTAL:	$ 470.
509	81 -	Repair/paint interior and exterior complete	$ 513.
		TOTAL:	$ 513.
511	81 -	Replace plug valves at aircraft direct refueling valves	$ 7037.
	81 -	Repair controlls on tanks A & B red refueling	890.
		TOTAL:	$ 7927.
513	—	Rehab steam, air & water system to wash rack	$ 11385.
		TOTAL:	$ 11385.
514	- 79 -	Replace solenoid valve on wash rack	$ 1095.
		TOTAL:	$ 1095.
515	81 -	Cover pitch pockets and paint	$ 5525.
	79 -	Assist fire department to test sprinkler system	54.
	—	Install magnetic contactors for motors on steam unit heaters	945.
	—	Relamp, repair all fluorescent lights, mercury vapor and incandescent	8020.
	—	Replace doors and frames	2731.
	81 -	Remove ten incandescent fixtures/replace with fluorescent	296.
	81 -	Extend heating/A/C duct line	653.
	81	Install sidewalk (Troop Training)	68.
	79 -	Repair roof, floor, tile, repair, paint stairwell	2101.
	80 -	Remove incandescent replace with fluorescent fix.	3201.
	80 -	Repair A/C compressor/ replace compressor	4243.
	79 -	Patch plaster in storeroom/shower	1659.
	79 -	Replace unloaders on A/C Compressors	639.
	79 -	Replace damaged circuit breakers	649.
	~~79~~	~~Order mercury lamp ballast~~	480.
	~~81 -~~	~~Install sidewalk~~	68
		TOTAL:	$ 31464.

516 1981
Replace door - paint - 466.

Building	Description of work	Cost
518	—Replace unit heaters in the shops	$ 2126.
	81 Make necessary repairs as per inspection	9182.
	—Resurface parking lot with gravel	739.
	79 Remove and replace six 200 amp receptackes	5395.
	81 Make modifications to two exteriors ladders to roof	279.
	—Replace two doors, one jamb	1296.
	81 Repair deludge valve on sprinkler	786.
	81 Install four eyewash stations	308.
	81 Repair steam coils in unit heater	1176.
	80 Clean up oil spill	459.
	80 Install air/electrical outlets in shop	4766.
	80 Assist fire department: test/flush sprinklers	54.
	80 Replace steam coil in air handling unit	582.
	80 Install 115 volt circuit for hook up lights	1612.
	80 Install electric outlets four each	282.
	80 Relamp fluorescent lights/install safety straps	2383.
	79 Replace broken or missing covers on fluorescent fixtures	290.
	79 Install five add. 115 volt duplex receptacles	254.
	79 Make repairs to large fire doors	497.
	79 Remove, repair and replace 2000 KVA transformer	13660.
	- Clean steps & install rubber stair Tread	136
	TOTAL:	$ ~~42046~~. 41102
522	81 Repair/paint interior/exterior complete	$ 1149.
	80 Block up two openings, patch hole, install exhaust fan/emergency wash basin	4010.
	TOTAL:	$ 5159.
526	81 Shorten overall height, quartz fixture (16)	$ 617.
	TOTAL:	$ 617.
536	80 Repair/paint interior/exterior complete	$ 976.
	TOTAL:	$ 976.
537	79 Repair top jet test cell	$ 890.
	TOTAL:	$ 890.

Building	Description of work	Cost
544	81 Replace door paint exterior as inspection	$ 466.
	TOTAL:	$ 466.
570	80 Repaint two vans aluminum siding	$ 1002.
	TOTAL:	$ 1002.
571	81 Miscellaneous repairs	$ 747.
	— Construct head facilities	7377.
	TOTAL:	$ 8124.
578	81 Replace three steam traps and two expansions joints 10" & 4" on steam highline	$ 3317.
	TOTAL:	$ 3317.
580	81 Install electric system	$ 575.
	TOTAL:	$ 575.
582	81 Install electric system	$ 575.
	— Install underground conduit for telephone	352.
	TOTAL:	$ 927.
600	81 Replace door, paint exterior as per inspection	$ 466.
	TOTAL:	$ 466.
604	81 Install four exterior light signs, two emergency lighting units	$ 719.
	80 Install lavatory in kitchen area	203.
	TOTAL:	$ 922.

Building	Description of work	Cost
608	81 Interior repairs/paint	$ 3521.
	80 Replace roof	2564.
	79 Exterior repairs/prime new wood	179.
	TOTAL:	$ 6264.
700	80 Repairs to handball court	$ 2863.
	TOTAL:	$ 2863.
702	—Paint five rooms complete 2 coats	$ ~~2254.~~ 1127
	81 Point up mortor joints, paint laundry room replace metal windows	408.
	80 Replace valves, flow control, vents on radiators	2546.
	79 Install pulley chains	160.
	80 Replace exhaust fans	1199.
	80 Replace floor tile	450.
	TOTAL:	$ ~~7017.~~ 5890
704	—Paint five rooms complete	$ 1127.
	81 Replace hot water circulating pump	1125.
	80 Paint five rooms complete one coat	891.
	81 Paint interior complete 2 coats 5 rooms	2028.
	81 Replace shower pan in room 4919	1477.
	80 Paint four rooms one coat	1598.
	79 Install pulley chains	160.
	80 Replace valves, flow control and vent radiators	2546.
	79 Paint one coat room 4114	446.
	79 Paint one coat room 4105	449.
	81 Repairs before contract	2316.
	79 Patch plaster Paint room	735
	TOTAL:	$ ~~14153.~~
705	—Repair rooms/paint interior one coat	$ 5111.
	—Paint interior complele 4th floor	5978.
	—Replace three doors to liquor storeroom	1151.
	—Replace heat exchanger in mechanical room	2725.
	81 Replace pumps and motors on heating/cooling system	4002.
	79 Install pulley chain	160.
	79 Procure contract to furnish and install electric phase protectors	567.
	80 Replace circulating pumps	6493.
	80 Install doors and locks	2120.
	80 Paint twelve rooms	1942.
	80 Repair fire damage room 133	524.
	80 Retube condensing coil	838.
	79 Replace water coil in air handling unit	1065.

Building	Description of work	Cost
705	79 Replace circulating pump	$ 395.
	79 Paint thirteen rooms one coat	1724.
	79 Replace four circulating pumps	2583.
	79 Paint interior of eighteen rooms one coat	2273.
	79 Repair ceiling in lobby and paint	756.
	79 Paint interior of rooms one coat	3503.
	- Rpl insulation on condensate line	697
	- Paint Rms (9) comp	
	TOTAL:	$ ~~43886.~~ 1604
708	79 Replace shower, commode stall partition and urinal screen	$ 2102.
	TOTAL:	$ 2102.
709	81 Repair, wash down, paint pool, clean	$ ~~4291~~ ~~3320.~~ 3320
	81 Joints in concrete	971.
	81 Replace pool ladder	150.
	79 Wash, clean pool, paint fence	1173.
	81 Repair water line under concrete deck	739.
	80 Procure/Install filter in pool	2483
	79 Reclean pool	
	TOTAL:	$ ~~6353.~~ 6353 296 8802
710	81 Replace heat exchanger	$ 2686.
	81 Install concrete pad for dempsy dumpster (Troop Training)	58.
	80 Replace insulation Boiler #3	2763.
	79 Exterior repairs	861.
	80 Procure/Install parts for pool filter	1826.
	80 Replace A/C Compressor	2305.
	79 Install pulley chain on safety valves	815
	TOTAL:	$ ~~10499.~~ 11,314
804	6-5-81 Interior repairs	$ 3745.
	4-17-81 Replace two exterior doors	665.
	6-13-80 Alter duct system	250.
	TOTAL:	$ 4660.
805	8-7-81 Replace steel doors and paint	$ 1643.
	TOTAL:	$ 1643.

Building	Description of work		Cost
810	6-12-81 Exterior repairs and paint		$ 2787.
	79 Demolish shed		1642.
		TOTAL:	$ 4429.
813	79 Modify building		$ 2043.
		TOTAL:	$ 2043.
818	81 Replace electric panel		$ 780.
	4-3-81 Repair ceiling		523.
	5-25-79 Interior repairs		3410.
	4-13-79 Exterior repairs		754.
		TOTAL:	$ 5467.
819	4-11-80 Repair roof		$ 673.
		TOTAL:	$ 673.
820	79 Replace shrubbery		$ 793.
	80 Fabricate and install sign		1453.
	79 Add shrubbery		473.
	81 Remove wall		770.
	81 Replace two showers		1593.
		TOTAL:	$ 4082.
822	4-18-80 Electric service for paper shreadder		$ 1464.
	4-13-79 Security alterations		1413.
		TOTAL:	2877.
831	11-2-79 Install watthour meter		$ 339.
		TOTAL:	$ 339.

Building	Description of work		Cost
832	4-17-80 Repair doors and paint		$ 3068.
		TOTAL:	$ 3068.
833	4-11-80 Remove concrete pad		$ 849.
	7-6-79 Remove asbestos		365.
		TOTAL:	$ 1214.
840	Repair twelve doors open		$ 818.
	4-25-81 Interior repairs		383.
	Paint fire lanes open		212.
	7-11-81 Install outlets 9-11-81		339.
	32 Install security cage 3-27-81		2171.
		TOTAL:	$ 3923.
843	8-7-81 Install floodlights		$ 1106.
	2-6-81 Plant shrubbery		460.
	4-25-80 Instlal shower		677.
	7-24-81 Replace floor and ceiling		4356.
		TOTAL:	$ 6599.
849	8-28-81 Replace panels in roof		$ 1356.
	7-3-81 Replace floor tile		1762.
	11-9-79 Replace tower		406.
		TOTAL:	$ 2624.
850	8-14-81 Replace door and jamb paint interior		$ 1319.
		TOTAL:	$ 1319.
853	11-14-81 Repair fence		$ 4993.
		TOTAL:	$ 4993.

Building	Description of work	Cost
873	4-13-79 Replace door and jamb, paint exterior	$ 619.
	TOTAL:	$ 619.
901	- Repair Air Conditioner	$ 1344.
	9-14-79 Install electric circuit for range	627.
	- Rpr AC - $1344	
	- Install (3) 120 volt circuit - $622	
	TOTAL:	$ ~~1971~~.4017
1289	2-9-79 Repair sewer main	$ 464.
	TOTAL:	$ 464.
1291	10-31-80 Repair catch basin, pick up concrete street marker, position storm sewer grates	$ 233.
	TOTAL:	$ 233.
2003	9-19-81 Replace contaminated soil	$ 236.
	TOTAL:	$ 236.
2750	5-23-80 Repair shelter	$ 531.
	TOTAL:	$ 531.
2800	9-25-81 Interior repairs, exterior repairs and paint	$ 7195.
	4-25-80 Repair exterior	1601.
	TOTAL:	$ 8796.
2803	6-22-79 Repair marina	$ 275.
	TOTAL:	$ 275.
2805	6-22-79 Repair marina	$ 275.
	TOTAL:	$ 275.

Building	Description of work	Cost
2851	4-25-80 Repair picnic shelter	$ 836.
	TOTAL:	$ 836.
2860	4-13-89 Exterior repairs and paint	$ 297.
	TOTAL:	$ 297.
	7-11-80 Paint Bld & Tower Comp	1390
3000	4-17-81 Provide 200 amp switch	$ 550.
	7-13-79 Rpl Compressor in A/C	1515
	TOTAL:	$ ~~550.~~ 3455
3502	— Contract - rewind motor	$ 400.
	6-13-80 Replace doors	1118.
	11-23-79 Repair generator	2252.
	3-14-80 Remove / Rpl Floor tile	2994
	TOTAL:	$ ~~3770.~~ 6764
3504	— Interior repairs and paint	$ 5445.
	4-25-80 Replace air compressor pump	2479.
	TOTAL:	$ 7924.
3515	5-9-80 Install water line, drain line and deep sink	$ 3832.
3525	4-10-81 Make minor repairs and paint 1,689	
	2-22-80 Harden security of MABs-26 226	TOTAL: $ 3832.
	79 Ass't F. Dept test Sprinkler system 50	
	Total 1965	
3602	6-26-81 Paint towers	$ 274.
	TOTAL:	$ 274.
4010	— Interior repairs	$ 3808.
	— Replace 178 doors	29885.
	— Repair balcony rails	55.
	8-21-81 Repair water tower for A/C	2164.
	7-19-81 Replace plaster and point	289.
	6-26-81 Repair A/C System	480.
	6-19-81 Replace control air compressor	845.
	5-15-80 Install braces on doors	510.
	3-27-81 Interior repairs	8854.
	2-20-81 Replace and adjust locks	843.
	9-26-80 Repair heating system	1599.
	7-25-80 Replace tube bundle in heater	1101.
	7-25-80 Replace locks	720.
	5-16-80 Interior repairs	5216.

Building		Description of work	Cost
4010	1-8-80	Install braces on doors	$ 431.
	11-23-79	Install angel strips on windows	1231.
	9-28-79	Anchor steam kettles	545.
	8-31-79	Repair large A/C	847.
	6-15-79	Fabricate wall locker doors	815.
	1-26-79	Clean and repair 190 ton A/C	440.
	8-14-80	Install sidewalks	261 ~~1352~~.
		TOTAL:	$ ~~62000~~. 61739
4012	9-18-81	Repair ceiling	$ 5169.
	—	Repair juice dispensers	130.
	2-1-80	Replace steel doors	750.
	80	Install equipment	250.
	79	Purchase awning	527.
	12-12-80	Repair dishwasher	780.
	7-31-81	Install outlet	334.
	1-16-81	Paint ceiling in galley	420.
	9-11-81	Repair dishwasher	1607.
	7-25-80	Repair dishwasher	1387.
	7-25-80	Replace tube bundle in hot water heater	562.
	7-11-80	Interior repairs	763.
	7-4-80	Construct block building	2750.
	6-6-80	Install doors	496.
	4-18-80	Anchor steam kettles	515.
	10-12-79	Install electric circuits	280.
	8-31-79	Install heat lamps	377.
	5-18-79	Repave drive	1419
		TOTAL:	$ ~~17097~~. 18516
4015		Repairs to rooms, locks	$ 2059.
	79	Replace two roof ventilators	667.
	5-9-80	Clean drains for A/C Systems	2299.
	—	Replace venetians blinds	1588.
	81	Repair railings	55.
	8-7-81	Replace venetian blinds	621.
	6-6-80	Interior and exterior repairs	4900.
	11-9-79	Replace tube bundle hot water heater	55.
		Replace roof ventilators	657.
	6-15-79	Fabricate wall locker doors	814.
	80	Install sidewalk	261
		TOTAL:	$ ~~14215~~. 14476

Building	Description of work		Cost
4020	81 Repair windows and locks		$ ~~2158.~~ 1075
	79 Install wall locker doors		814.
	79 Patch plaster in bathroom ceilings		1751.
	79 Replace heat exchanger		495.
	80 Repair balcony railings		568.
	~~Replace coil in hot water heater~~		~~774.~~
	80 Install sidewalk		261
	— Drop lights in rec room		115
	— Install photo electrical cells	TOTAL:	$ ~~6560.~~ ~~654~~ 279
		Total:	~~7495~~ ~~6143~~ 5369
4025			
4030	— Install bulletin boards		$ 483.
		TOTAL:	$ 483.
4100	— Install water and sewer connection		$ 571.
	80 Test sprinklers		50.
	81 Replace exit devices		1002.
	80 Interior repairs		1025.
	80 Clean around joints of pipe		293.
	79 Install electric outlets		257.
	79 Install fluorescent fixtures		250.
	79 Replace receptacles		1159.
	— Replace door		~~392.~~ 784
		TOTAL:	$ ~~4999.~~ 5311
4101	— Renovate wash rack		783 $ 13121.
	80 Rpl sump pumps in oil seperator pits		
		TOTAL:	$ ~~13121.~~ 13,904
4103	81 Replace door, paint exterior		$ 466.
	~~80 Rpl Sump Pump in oil~~		~~783~~
		TOTAL:	$ ~~466.~~ ~~1249~~ 466
4104	— Renovate wash rack		$ 12512.
	80 Replace sump pump		784.
		TOTAL:	$ 13296.
4105	— Replace metal door and paint		$ 667.
		TOTAL:	$ 667.

4025 -	81 - Rpr balcony rails	853
	- Install photo elec cell	229
	Rpr Int / Ext of wms	4463
	Clean Coils for heating	1399
	Rpl coil tubs Bmdh	774
	Install sidewalk	261
	Change Lights in Rec Room	115
	Total:	8144

Building	Description of work	Cost
4106	- Caulk flashing, point up mortar joint replace metal doors, jambs, panic hardware	$ ~~7465.~~5600
	81 Replace air compressor unit	12335.
	— Repair fluorescent lights	1056.
	81 Repair leaking steam coil	698.
	79 Modification of 1st deck head	2387.
	81 Repair leaking steam coil	~~789~~1959
	81 Paint 2nd deck office area complete	~~4316.~~3600
	81 Replace compressor in A/C System	1544.
	80 Replace metal fire exit doors	~~59.~~628
	81 Repair 400 HZ motor generator set	1122.
	81 Repair 400 HZ motor generator set	1107.
	80 Repair large rolling door	701.
	80 Disassemble air compressor to identifyparts	1469.
	80 Assist fire department to test and flush sprinkler system	~~348.~~68
	80 Replace double doors and frame	~~1440.~~1545
	80 Replace door and jamb	~~717.~~822
	81 Connect air/electric to sandblaster	457.
	80 Replace hot water heater	342.
	80 Install and connect electric circuits and vent ducts	2666.
	80 Install door in wall between two rooms	579.
	80 Relocate heating thermostst and install new	268.
	79 Install four 400 watt high pressure sodium floodlights - outside wall	~~1524.~~1672
	Repair large hanger bay doors	754.
	80 Cut hole in exterior wall, install frame and door	851.
	79 Make repairs to double doors, replaced with hardware	~~655.~~857
	80 Install one new exterior door in block wall	631.
	80 Remove and replace four 200 amp receptacles	3532.
	79 Make repairs to large doors, weatherstripping repair gravel stop flashing, etc.	327.
	79 Install exhaust vent for micro-sonic filter cleaner	714.
	Rpr ~~Busted~~ ~~Burstled~~ Burst 6" water main	646
	TOTAL:	$ ~~50853.~~75691
4108	- Install two shower stall with water and sewer pipes	$ 1314.
	- Interior and exterior repairs before paint	~~3018.~~3380
	— Group replacement of all lamps inside building	7167.
	80 Assist fire department to test and flush sprinkler system	55.
	81 Repair control components of heating system	1183.
	~~Assist fire department to test and flush sprinkler system~~	~~58.~~

Building	Description of work	Cost
4108	80 Install exhaust fan in men's head	$ 472.
	80 Replace door	292.
	80 Install electric outlets and vents for clothes dryer	384.
	80 Remove and replace thirteen 200 amp 60HZ recep.	11279.
	~~Assist fire department to test and flush sprinkler system~~	55.
	79 Lower light fixtures in HML-167 metal shop	1017.
	79 Provide three additional air outlets	346.
	80 Patch outer edge of roof	~~5183~~.3525
	TOTAL:	$ 31823.
4109	79 Build and install lighting arrestor system	$ 118.
	TOTAL:	$ 118.
4110	- Make exterior repairs and paint	$ 6815.
	- Interior repairs before paint contract	363.
	79 Assist fire department to test, flush sprinkler system	53.
	80 Replace air compressor on A/C System	761.
	80 Replace four overhead doors (rool-up type)	~~3259~~.4277
	79 Replace exterior personnel door	361.
	79 Replace heat exchanger	408.
	79 Install additional outlets in M.C.P. Office	496.
	TOTAL:	$ 12516.
4117	79 Make exterior repairs to building	$ ~~959~~.737
	- Repair electric panel	440.
	TOTAL:	$ ~~799~~.177
4118	81 Replace gutter between roofs	$ ~~415~~.633
	- Make exterior repairs to building	~~359~~.737
	TOTAL:	$ ~~774~~.1370
4120	- Replace ceiling tile	$ 1097.
	TOTAL:	$ 1097.

Building	Description of work	Cost
4122	-Replace ceiling tile	$ 1097.
	81 Construct sidewalks (Troop Training)	778.
	80 Replace compressor on A/C	1374.
	79 Make repairs to A/C System	2164.
	TOTAL:	$ 5413.
4129	81 Replace shelters on concrete slab	$ 2113.
	TOTAL:	$ 2113.
4130	80 Replace damaged and deteriorated control wiring	$ 1995.
	TOTAL	$ 1995.
4140	79 Pull, repair, reinstall well pump	$ ~~1754~~. 1274
	79 Repair road and turning area to pumphouse	955.
	TOTAL	$ ~~2709~~ 2229
4141	80 Replace defective circuit breaker	$ 1167.
	80 Install air regulators on seven air station and drain cocks	1376.
	80 Replace burned out 400 amp breaker	548.
	TOTAL	$ 1924.
4146	80 Make repairs to three gate and gate tracks	$ 655.
	80 Repair sprinkler system	580.
	80 Assist fire department to test, flush sprinkler system	58.
	79 Repair hydraulic lift	246.
	79 Repair heating system	692.
	79 Assist fire department to test and flush sprinkler system	54.
	TOTAL:	$ 2285.
4147	80 Establish new parking lot	$ 1227.
	TOTAL:	$ 1227.

Building	Description of Work	Cost
4151	Requisition and install repair parts on soot blower	$ 2166.
	79 Provide labor and material to replace tube bundle	2098.
	Requisition and install central air compressor	4058.
	80 Requisition and install compressor	1117.
	80 Procure parts and repair steam turbine	877.
	81 Construct gravel side walk on right of fence	1049.
	80 Inspect and load test weight handling equipment	225.
	81 Scrape, sand, clean, and paint stack pipes on heater	919.
	79 Replace submergible pump	823.
	80 Replace section of cast iton blow down line	916.
	81 Requisition and install parts water pump	~~1317~~. 5398
	81 Requisition and install repair parts soot blower	3319.
	81 Procure fuel oil additive	1061.
	80 Pull, repair steam heating coil #1 oil tank	486.
	80 Reroute oil heater condensate lines	657.
	80 Repair, replace 6" blow down drain line	1276.
	79 Replace soot blower parts for Trane boiler	3252.
	79 Replace section of 6" blow down line	369.
	~~80 Clean up oil spill~~	~~5921~~
	TOTAL:	$ ~~25985~~. ~~35987~~ 30076
4154	80 Clean up oil Spill	$ 5921.
	TOTAL:	$ 5921.
5001	79 Install new secondary electrical service and flood lights	$ 2734.
	TOTAL:	$ 2734.
6001	Repairs to reserve area	$ 7487.
	TOTAL:	$ 7487.
6028	79 Repair reserve tent frame (Self-Help)	$ 1436.
	79 Repair building damaged by falling tree	1006.
	TOTAL:	$ 2442.

Building	Description of Work	Cost
6044	81 Exterior repairs	$ 546.
	80 Prepare building for reuse by reserves	297.
	TOTAL:	$ 843.
6045	81 Exterior repairs	$ 546.
	80 Prepare building for reuse by reserves	297.
	80 Partition off four commodes for women	1022.
	TOTAL:	$ 1865.
6055	80 Install Lavatories in Tc Head - Jo. 3927	81 584. 10 590
	GRAND TOTAL:	$ ~~1,042,724.~~

FY 82 Planned Maintenance, MCAS(H)

		% of Total
Emergency / Service	$ 230,000	9.4
PM / Cyclic Maintenance	397,955	16.4
Specific Job Orders	518,429	21.2
Contracts	848,865	34.6
Overhead	456,950	18.6
TOTAL	2,452,199	

MCAS(H) Planned / TOTAL M&I BUDGET $\frac{\$2,452,199}{15,069,602} = 16.3\%$

COMPARISON OF MCB & MCAS(H) Real Property Assets

	CPV($000's)	% of total	SF BLDGS	% of t
MCB	$1,352,196	86.4	15,897,668	88
MCAS(H)	212,402	13.6	2,163,022	12
TOTAL	1,564,598		18,060,690	

COMPUTATION OF OVERHEAD:

TOTAL PRODUCTIVE - MCAS(H) / TOTAL PRODUCTIVE - BASEWIDE $\frac{1,995,249}{12,266,225} = 16.3\%$

$.163 \times 2,803,377$ (TOTAL BASE O'HEAD) $= 456,950$

	MCB, CLNC	MCAS(H), NR	TOTAL
FY71 Budget, M1/R1	$4,326,000	427,000	4,753,000
FY81 Budget, M1/R1	13,014,754	1,287,173	14,301,927
FY81 EXPENSED, M1/R1	13,563,339	1,908,054*	15,471,393
FY71-81 % INCREASE	214%	347%	226%
FY71 CPV	450,000,000	57,000,000	507,000,000
FY81 CPV	1,352,196,970	212,401,574	1,564,598,544
FY71-81 % INC. CPV	200%	273%	209%
FY71 CIV. WORKFORCE	810	130	940
FY81 CIV WORKFORCE	816	0	816

* CATEGORIES OF MAINT. EXPENDITURES, MCAS(H) FY 81

Specific Job Orders	$ 347,575
Emergency/Service Work	227,425
Recurring Maintenance	309,615
Self-Help Material	31,092
M1 Contracts	992,347
TOTAL	1,908,054
M2 Contracts	1,131,725
Grand Total	$3,039,779

M1 Contracts

FY79
Budgeted $2,218,334
Obligated

FY80
Budgeted 1,884,052
Obligated 2,574,445

FY81
Budgeted 2,275,528
Obligated 3,920,588

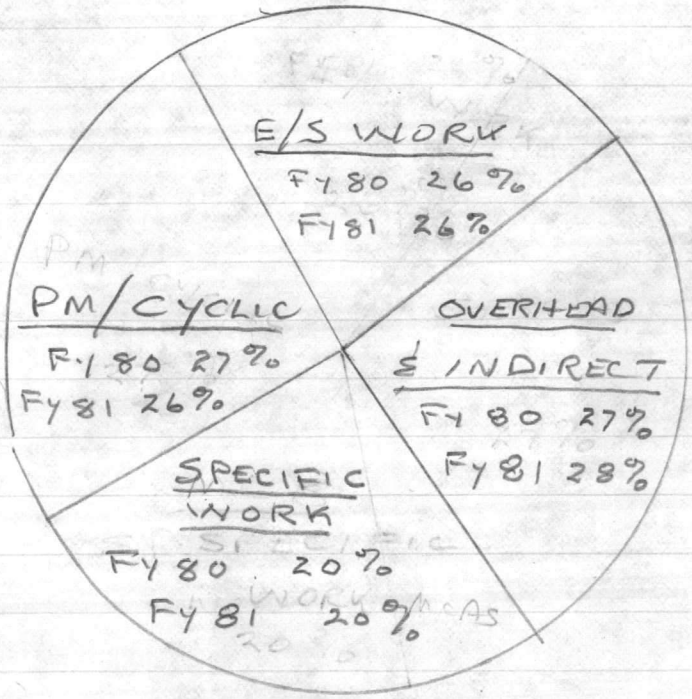
Breakout of FY 81
EXPENSES BY

M1		$15,471,393
M2	Housing	$ 2,655,830
M2	OTHER	$ 133,496,
R1		$ 572,734
R2		$ 190,975

MAINTENANCE STAFFING PRIOR TO CONSOLIDATION COMPARED TO CURRENT STAFFING

	STAFFING PRIOR TO CONSOLIDATION		CURRENT STAFFING
	MCAS(H) PUBLIC WORKS	BASE MAINTENANCE DEPARTMENT	BASE MAINTENANCE DIVISION
ADMINISTRATION	17	18	13
MAINT. CONTROL	6	20	23
WORK MANAGEMENT	3	7	12
SHOP FORCES	52	568	546
UTILITIES	18	156	189
HOUSING ADMIN.	6	0	0
TRANSPORTATION	34	0	0
NATURAL RESOURCES	0	9	24
Telephone	0	~~34~~	0
TOTAL	130	810	807
Delete Telephone	130 +	776 =	906

BASED ON SUMMARY OF REPORT NO. 2
FOR PERIOD ENDING 30 SEP 1980



FY 81 Actual MAINTENANCE COST - MCAS(H)

	TOTAL	%
Emergency / service	$227,425	9.0
PM/cyclic MAINTENANCE	393,046	15.5
Specific Job Orders	382,467	15.1
Contracts	1,047,040	41.4
overhead	482,088	19.0
TOTAL	2,532,066	

$$\frac{\text{TOTAL EXPENSED - MCAS(H)}}{\text{TOTAL EXPENSED BASEWIDE}} = \frac{\$2,532,066}{15,471,393} = 16.4\%$$

$$\frac{\text{TOTAL PRODUCTIVE - MCAS(H)}}{\text{TOTAL PRODUCTIVE Base Wide}} \quad \frac{2,049,978}{12,531,828} \quad 16.4\%$$

MCAS OVERHEAD COMPUTATION:

16.4% X 2,939,565 (TOTAL O'HEAD) = $482,088

FY 81 Productive 81%

OVERHEAD 19%

.81 (PRODUCTIVE) X 15,471,393 (TOTAL EXPENSED) = 12,531,828 PROD

.19 (O'HEAD) X 15,471,393 (" ") 2,939,565 O'HEAD

FY 81 EXPENSED 15,471,393

NOT USED

From: BMO
To: ACOS/Comptroller
via: ACOS/FAC

Subj: Maintenance Support Provided to MCAS (H) NR by MARCORB C&NC

Ref (a) Mtg between ACOS/Comptroller, BMO and ACOS/FAC rep of 15 OCT 1981
(b) LANTNAVFACENGCOM ltr. 09B3C:HDH:mt of 17 DEC 70
(c) CG MARCORB ltr. 15/EHJ/awk P11010/1 of 1 March 1971

Encl (1) Statistical information concerning maintenance support provided to MCAS(H) during FY 81
(2) Excerpts from Reference (c)
(3) BMAR Data
(4) CONTRACT DATA

From: BMO
To: ACOS/Comptroller
Via: ACOS/FAC

Subj: Maintenance Support Provided to MCAS(H) New River during Fiscal Year 1981

(a) MTG between BMO & ACOS/COMP of 15 OCT 1981 MANT.

Encl (1) Statistical Information Concerning Support Provided to MCAS (H) during FY 81

(2) Excerpts from Ref: (a)

(b) LANTNAVFACENGCOM ltr 09BC: HDH: mt of 17 Dec 1970

Ref (c) CG MARCORB ltr 15/EHJ/awk P11010/1 of 1 March 1971

(3) BMAR DATA for MCAS (H)

(4) Information Concerning Aircraft Wash racks at MCAS (H)

(4) Information Concerning Aircraft Refueling Stations at MCAS (H)

1. During Reference (a) a discussion was held concerning Maintenance support provide to MCAS (H), NR by MARCORB CLNC since consolidation of support functions on 1 July 1974. A synopsis of matters discussed is contained herein.

2. Encl (1) provides funding, Current Plant Value (CPV) and workforce data for MCB CLNC and MCAS (H) NR subsequent to consolidation. The baseline data on maintenance funding for the fiscal year 1971 M1/R1 budget was taken from reference (b)

which was the study performed by of the proposed consolidation of common support services. ~~performed by~~ (the Atlantic Division, Naval Facilities Engineering Command) No records are available which provide this data for subsequent years prior to consolidation. Since consolidation funds for maintenance of MCB and MCAS have not been separately identified. Line 2 of encl (1) indicates the breakdown of the total FY 81 MI/RI budget had the funds been apportioned in the same ratio as the FY 71 budget. Line 3 indicates the actual funds expended in support of the two activities in FY 1981. The remaining data in encl (1) is self explanatory.

3. Upon consolidation in 1974, Marine Corps Base absorbed all of the personnel formerly assigned to the Public Works Department MCAS(H) NR. However, no increases in overhead positions in the Base Maintenance Department occurred. In other words, supervisory functions & maintence control functions including work reception and programming, planning and estimating, Inspection, long range maintenance planning and work management for MCAS (H) were simply absorbed by the existing Base Maintenance organization.

Personnel reductions in the years subsequent to consolidation have reduced the Base Maintenance workforce to the extent that the authorized strength of 816 billets in Fiscal Year 1981 exceeds by only 6 billets the Fiscal year 1971 authorization of 810 prior to consolidation.

4. Fortunately Reductions in personnel ceilings have ~~fortunately~~ been accompanied by increases in funds allocated for contracts. Of the $3.5 million budgeted for MI contracts in fiscal year 1981 almost one million or 28% was expended at MCAS (H). The MCAS (H) Current Plant Value (CPV) represents only 13.5% of the combined total CPV of the two activities.

5. Prior to consolidation the Public Works Department at MCAS (H) was not adequately staffed to carry out a comprehensive maintenance control program including work planning and programming, a control inspection program and a complete and accurate report on backlog of maintenance and repair. Enclosure (2) contains excerpts from the reference (c) ~~and (~~) staff study which document the inability to carry out those programs. Since consolidation

MCAS(H) has been under the Maintenance control program of Base Maintenance. Encl ( ) indicates the backlog of maintenance and repair identified by Base maintenance inspectors. In addition, the comprehensive inspection program conducted by Base maintenance has resulted in a dramatic increase in the allocation of Headquarters Marine Corps M.2 dollars to satisfy MCAS(H) deficiencies.

work programming, Materials procurement and control, planning and estimating for specific and preventive maintenance job orders, work reception and classification, the control inspection and submission of the Annual Inspection Summary (NOW BEMAR REPORT).

The following excerpts from the staff study on consolidation of 1 march 1971 are indicative of the effectiveness of Maintenance Control at New River prior to consolidation:

TAB B to Appendix 4 to Annex A
Sections V and VI of Annex E

The following table shows a comparison of the FY 70 BMAR with the BMAR IN subsequent years since consolidation. Clearly the Base Maintenance Department Inspectors have more accurately determined the true condition of Real property facilities at MCAS(H) New River

	Code I Deficiencies	Code II Deficiencies	Code III Deficiencies
FY 70	118,860	662,400	NOT IDENTIFIED
FY 77	487,500	2,131,700	" "
FY 78	478,000	2,697,600	" "
FY 79	820,600	2,225,700	26,100
FY 80	697,600	2,446,200	1,800

Reference (a) requested that at least 8 civilian ceiling points now involved in maintenance administration, transferred when the original agreement was initiated, be returned to New River from Camp Lejeune thus affording New River a nucleus of planning personnel. It is assumed that the following maintenance administration billets formerly assigned to the New River Public Works Department are those referred to:

Maintenance Control Division

1 Maintenance Control Director, GS-11 ENGR. Technician
4 Planner and Estimator / INSPECTOR
1 Clerk-Typist

Public Works Engineering

1 GS-12 General Engineer
1 GS-9 Engineering Technician, Drafting

Maintenance/Utilities Division

1 Maintenance Scheduler
2 Shop Planners

The above eleven positions were the only ones involved in maintenance administration prior to consolidation. This group was tasked with the entire maintenance control ~~and design engineering~~ function including long range maintenance planning, Annual and Quarterly