

2. SWIFT BRIDGE

1. WATER RESERVOIR

The newly improved water reservoir at the Fa Ngum School, Phnom Savanh is estimated to have a capacity of 5-1/2 million gallons of water. The timely completion of this job to catch this year's rainfall has improved the prospects for expanding the practical aspects of agricultural instruction. We wish to express our appreciation to Mr. Joseph D. Stewart Jr., Chief FWA, Mr. Charles Robinson, the project supervisor and the equipment crew. They cleared 7 acres of agricultural land and moved several thousand cubic yards of dirt, spread it, graded it, rolled it and contoured it in a record time of 19 hours!

Mr. Zane and the Agricultural instructors are busily involved with the installation of the water line and pump to be used in the irrigation of crops. W.D. has been most helpful in providing the technical assistance of Mr. Roy Scherer to make the necessary electrical installation.

2. Preventive Maintenance

We are pleased that the wooden water tower and metal tanks previously reported to be in need of preventive maintenance have been painted. The Director, Mr. Nephit used AWD work scholarship students to paint the tanks with 2 coats of aluminum paint and the water tower with one coat of linseed oil.

3. Door Locks

The type of door lock used in the Vientiane and Phnom Savanh, Fa Ngum Schools has not proved to be sufficiently durable for school use. Mr. Zane reports replacing another four locks. Nine have been previously replaced. The style of lock was changed on the Fa Ngum Schools in Savannakhet and Luang Prabang. Experience to date indicates that the new style is more durable.

4. Poles

The concrete junction boxes for the underground electrical distribution are full of never following recent rains. No shorting has occurred to date, however it does seem that the possibility exists. D.D. and W.D. will be notified so that in the future, designs for underground concrete enclosures and junction boxes can be considered.

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1. Water Storage Tank
The concrete foundation for the 100,000 gallon tank is completed.
The concrete foundation for the 50,000 gallon tank is in progress.

2. Water Storage
The 100,000 gallon concrete water storage tank is being built.

3. Septic Tank
The two septic tanks for the school will be ordered from the Wash Contract order (delivery may be within 30 days).

III. WA ARCHA SURVEILLANCE

4. Lee H. Hamilton Practice House

The Lee H. Hamilton Practice House is 90% completed. The only work remaining as far as the AP is concerned is to finish plumbing the water, join the sewer line to the septic tank, make the kitchen cupboards and install the kitchen sink.

Industrial Arts students did all of the electrical wiring. They are now installing the plumbing and will screen the kitchen. Work scholarship funds from the IAD have been used for 100 hours of student labor.

5. Second Well

The P&H well drilling rig has moved into position and they are presently at 50 meters depth. Water was struck at 30 meters (approximately 99 ft.). The completed well will be approximately 180 ft. deep. It is too early to predict whether the yield (GPD) of the well will be satisfactory. We appreciate the cooperative efforts of all who are contributing to alleviating the serious water shortage problem at the Wa High School.

6. Water Storage Tank (Gravel Level)

A concrete storage tank of 15,000-20,000 gallon capacity is presently being considered for construction under P&H Force Account. Mr. Gustaf B. Carlsson is doing the preliminary planning. Mr. Howard Smith will supervise the construction.

7. I.A. Building Construction

The Industrial Arts building construction is considered a high priority. It is that the AP had to be amended to provide materials and labor for the relocation of a storm drain that passed through the building site. 10-12 sections of 30 cm concrete pipe have been procured and are in process of being installed.

Twenty-five cubic meters of soil...
subic meters of soil...
have carefully contained the soil...
lining of the fish ponds will also...

F. Sewerage System

The septic tank provides...
OICC and IF staff members. OICC...
for taking care of the problem.

G. Curriculum Center Construction

This building appears to be...
reported by the SEA, OICC, PWD...

H. Furniture for Curriculum Center

Plans have been made with the French...
Vientiane to design a table &...
rooms in lieu of tables and chairs. The pilot...
pleasant, comfortable and sturdy. Discussions...
arrange for the manufacturing of 125 chairs...

IV. FA NEUM LAJAI PRABANG

A. Irrigation System

The irrigation line, pump and storage...
record time by a PWD crew under the...
irrigation water is already being used by the...
agricultural and landscaping projects.

B. Electricity

Saman MTE/EP completed...
heater and electric range in the...
checked out the wiring on the...
shop. Jarora is scheduled to...
IE and emp buildings and to...
to the pump on the Nao Dong river.

Six additional transformers...
transformers on hand are...
for the IE and IA and one...
workroom will be mounted...
The are reserved for...

C. School Maintenance

Each class section...
work and for after school...
the big Jo tree is landscaped...
in plants, and most of the...
seedlings are dug.

It is noted that the contractor has not yet submitted the final proposal for the construction of the school property. It is suggested that the contractor be given a final deadline for the submission of the proposal.

2. Timeline of Project

The contractor should be advised that the deadline for the submission of the proposal is April 10, 1973. It is suggested that the contractor be given a final deadline for the submission of the proposal.

3. Problems

The contractor should be advised that the contractor is not to be held responsible for the collection of the chain link fence below the property line.

4. Problems

The reported problems of repaving the villagers driveway, leveling the covered driveway, and the repair of the 6" plastic line was again discussed in an OIC, #10, IV meeting on April 4, 1973.

- (1) It was reported that TP/AD is taking care of the driveway construction.
- (2) OIC has agreed to extend the bus culvert approx. 18 meters.
- (3) Work will continue on the 6" plastic line and progress is to be reported in another month.

5. Replacement of the Faulty Leave Hardware by an AF project or a Student Summer Work Experience Project. John Rantala will train the IA instructor to handle the job.

V. PA HNSI PAUSE

A. Waiver

The waiver of Bay America for this project has enabled OIC to go out for bid on April 6, 1973. It is expected the bid award will be made on April 30, 1973.

B. Land Clearing

The previously reported problems on land boundaries and compensation for trees on the property have been resolved to the extent of allowing USAID/TPD to clear the remaining school property.

C. Irrigation Water

The decision by Nam Pa Pa on whether raw water can be provided from the filtration plant is still pending. MOE follow up on the matter may have to be requested again.

Dr. Zana accompanied Mrs. Zana to visit the school.
Plans were made with the AG Mr. Kinnaman for the school to be
to Pakse in or about July 1, 1973.

E. JOE Sign Off on Plans
Mr. Phou Rasphone Director of Secondary Education
off on the plans for the school on April 5, 1973.

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