

September 14, 1918

Navajo-Hopi

5-1143

DEPARTMENT OF THE INTERIOR
UNITED STATES INDIAN IRRIGATION SERVICE
~~SUPERINTENDENT OF IRRIGATION~~

Recd
9-15-18

SUPERVISING ENGINEER
ALBUQUERQUE, N. M.

September 14, 1918

Mr. W. M. Reed,
Chief Engineer,
Washington, D. C.



Dear Mr. Reed:

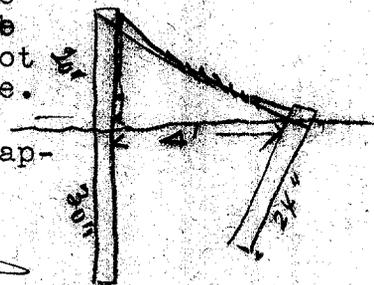
In compliance with your approval on July 10, of my report and recommendations on the Hopi work (my report of July 20), I have caused the final location work to be done on a part of the proposed project, and am enclosing Mr. Post's report and estimates.

This will cover about one third of the area mentioned in the former report and the estimated cost is a little less than one third. There will be some more of this work to do, but I would like to see this part completed and put to test that any errors in construction may be remedied before any further work is done.

After writing you my attention has been called to a plan along somewhat similar lines which has just appeared in print and I enclose for your information the article in question. A similar article appeared in a late Engineering News-Record (August 22 1918) which you may have seen.

We have modified our plan a little to conform more to this one, as it eliminates the building of any banks along the fences as we had planned.

I have approved of the plan as outlined in Mr. Post's report with one exception, and that is that the fences should be anchored a little better. The soil is so light that I fear that with 20" of fence stopped with debris and a full head of water behind would not be sufficiently anchored by 30" of post in the saturated ground, and suggest that another short post or deadman, say 24" long be ~~xxxxxxxx~~ placed in the ground about four feet above each of the posts, and a loop of annealed wire placed around the end of the post and deadman and then twisted. There will then be a heavy pull backward on the fence and when the deadman and the wire is covered with debris the fence will then be anchored securely. The additional cost should not exceed \$150 to \$175, and it will be good insurance.



Trusting that this will meet with your approval, I am,

Sincerely,

H. J. Robinson

Supervising Engineer.

*RG 75, BIA Irrig Div.
Gen. Corres, 1901-31
Dist. 5, Box 107
Hopi - Moguel 1918*

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