

channel improvement, and tributary channel diversion with levee construction for flood control, water quality control, recreation, and fish and wildlife enhancement.

The total estimated cost of the proposed improvements is \$39,116,000 of which \$38,492,000 is Federal and \$624,000 is non-Federal.

The annual charges and benefits for the reservoirs are \$1,443,000 and \$2,633,000, respectively, and the benefit-cost ratio is 1.8.

The annual charges and benefits for local protection works are \$220,000 and \$697,000, respectively, and the benefit-cost ratio is 3.2.

Local interests have indicated their willingness and ability to meet local requirements.

The Bureau of the Budget noted that the flood plain of the Little Blue River is rural in nature with about 5,000 acres of unoccupied land in the lower part of the basin.

Under the circumstances the Bureau of the Budget believes more emphasis should have been placed on nonstructural alternatives such as zoning regulations, flood warning systems, and flood proofing, which might provide adequate protection of existing development.

Subject to consideration of the above, the Bureau of the Budget advises there would be no objection to submission of the proposed report to the Congress.

This concludes my statement, Mr. Chairman.

Mr. JONES. Mr. Clausen?

Mr. CLAUSEN. Is that Lake Jacomo, is that a natural or manmade lake?

Colonel SHAFFER. Manmade.

Mr. CLAUSEN. Previously built by the corps?

Colonel SHAFFER. No, sir; that was by Jackson County. That is where the name comes from—Jackson County, Mo.

Mr. CLAUSEN. When you say that the local interests have indicated a willingness to provide for the local requirements does this include—I mean what kind of communication do you have, by letter or resolution, or what?

Colonel SHAFFER. We have to have an assurance from the local government, sir.

Mr. CLAUSEN. And is this by resolution adopted in regular meeting by the local governing body?

Colonel SHAFFER. I believe so in most cases, yes.

General NOBLE. It is normally an exchange, sir, between the district engineer and the local authorities on this, written communication.

Mr. CLAUSEN. And you have that on file?

Colonel SHAFFER. Yes, sir.

Mr. JONES. What does the budget mean by floodproofing? What does that involve?

General NOBLE. Under our flood plain management planning with the local people, sir, we approach it on a pretty broad basis. One is to keep people out of there. Second, if somebody is in there, what can be done about floodproofing the structures that are already there, perhaps blocking the basements or building a small levee or ditching around it. Where new construction has to go in there for some reason or the other, build it in a way that it will not be damaged by floods, perhaps raising the foundations to the point where the building will come out of the water. That is the thing that is being referred to here, sir.

Mr. JONES. Any further questions?