improved channel on Willis Creek at Brownwood with design channel capacities of 19,000 and 12,700 second feet downstream and upstream from the confluence with South Willis Creek respectively.

c. Coleman Dam and Reservoir involving an earth embankment at mile 52.2 on Jim Ned Creek, outlet works through the embankment and excavated uncontrolled saddle spillway and 240,900 acre-feet of controlled storage.

d. Pecan Bayou Dam and Reservoir involving an earth embankment at mile 100.8 on Pecan Bayou upstream from Lake Brownwood, outlet works through the embankment and excavated uncontrolled saddle spillway and 206,300 acre-feet of controlled storage.

STATE ACTION

Following transmittal of the report by the Chief of Engineers requesting the formal comments of the State, the Texas Water Commission following State procedures held a public hearing on the proposed Pecan Bayou project on May 11, 1965. After receiving testimony, and the analysis of the report the Commission found: (1) that the portion of the report relating to the construction of the proposed multiple-purpose Coleman Reservoir on Jim Ned Creek is now moot due to construction of a dam and reservoir in that area by the City of Coleman. Accordingly the portion of the report relating to Coleman Reservoir should not be submitted to Congress for its action; (2) that multiple purpose Pecan Bayou Reservoir be analyzed to ascertain if it is economically justified as a single-purpose flood control project, and be considered as a unit with the proposed Brownwood channel improvements and the reconstruction of Lake Brownwood Dam; (3) that the portion of the proposed project relating to the Brownwood Channel improvement and the reconstruction of Lake Brownwood Dam be approved; (4) requests the Congress of the United States take action as expeditiously as possible to authorize and fund the urgently needed projects that are outlined herein and to protect existing and future facilities in this important rapidly developing area.

In mid-1966 the Texas Water Development Board published and distributed copies of its preliminary Texas Water Plan, and together with publications on preliminary plans for each river basin. Public hearings were held throughout the State on the preliminary plan.

The Board's preliminary plan for the Colorado River Basin included the features of recommended in Corps of Engineers report, except that Coleman Reservoir was considered a non-Federal water supply project, and water quality was omitted as a project pupose in the proposed Pecan Bayou Reservoir. In the preliminary plan the timing of the need for Pecan Bayou Reservoir was indicated to be after 1990 for water supply purposes. The State's plan covers the period 1970 through 2020.

Alternative studies, related in part to comments received at the 27 public hearings, have been completed and the planning report is being prepared. The Boards' report on the Texas Water Plan will include the reconstruction of Brownwood Dam, the channel improvements recommended, and the Pecan Bayou Reservoir for flood control, water supply, recreation and fish and wildlife purposes. Although the timing of Pecan Bayou Reservoir is presently indicated to be after 1990 for water-supply purposes, the Board recognizes the need and justification for the Pecan Bayou Reservoir for flood control purposes. An unforeseen increase in water requirements in the area would require an earlier construction of the multiple-purpose Pecan Bayou Reservoir project to be planned to operate in conjunction with water supply features of Lake Brownwood and maximize reservoir yields for water supply purposes. The Pecan Bayou Reservoir project formulation includes water quality as a project purpose. The State recognizes the importance of water quality control and has an active program to maintain and improve same through the Texas Water Quality Board and its member agencies. The Water Development Board in its Texas Water Plan recognizes the importance of needing adequate quality together with sufficient quantity of water. In a State facing a water deficiency it is unwise to utilize a limited water resource for dilution purposes. This is particularly important in the semi-arid Pecan Bayou watershed. The Board finds the Pecan Bayou Dam and Reservoir Project to be feasible without water quality as a project purpose.

RECOMMENDATION

The Board recommends to this Committee that the Congress authorize the projects recommended by the Corps of Engineers in the Pecan Bayou watershed, except that: