FLOOD CONTROL ON THE SKAGIT RIVER

Speaker — 19
Exhibit 17

Dike and Drainage Imp. Districts #20--Location-East and north of Great northern Bridge to the mouth of Nookachamps Creek. Size of District-650 acres. Dikes- App. ½ mile of main dikes balance high banks with a low dike along Nookachamp Creek. Drainage--One main ditch serving district with flood gates under main dike.

Problems--1. Dikes built on sandy soil.
2. Dikes not high enough to keep out water over 24ft. flood stage.
3. When district is covered with water in 24ft. flood, it takes too long for water to get out as rate of flow in ditch is too slow.
4. Too much pressure on dikes when flood waters in Skagit River drops with a 6 to 10 ft difference between height of water in rivwe and water inside dike.
5. During real high water 25ft too much backing up caused by restricted flow at point of Great Northern Bridge. A difference of 4 ft has been noted between water on East side of bridge compared to West side.

Recommendations--1. Dikes be raised to take care of 25ft flow on Skagit River. Estimated cost$20,000.
2. A spillway be built in low spot of district to either let water in or out as desired. (Note our only desire is to keep out spring freshets.) Cost of spillway$25,000 estimated.

History--Over past 20 years we have had 5 major breaks in our dike. Estimated repair cost approximately $50,000.

Nookachamps as a Storage Basin During Flood Waters--
1. If such a plan is adopted a spillway for district #20 would be a "must".
2. The present land holders with homes and barns on the lowlands should be assisted to move to higher ground

[Geo. Davis]

Exhibit 17

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