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COUNTY WILL BUILD STATION TO GAUGE FLOW OF RIVER HERE

WILL INSTALL HYDROGRAPHIC STATION AT THE DALLES TO RECORD HEIGHT AND FLOW OF WATER DURING FLOODS

At a meeting of the board of county commissioners held last Friday it was decided to immediately install a hydrographic station at The Dalles of the Skagit River, near Grasmere, to record the height and flow of water in the river during flood stage. As the river is now at its lowest stage, and as this work must be done while the river is low, it was decided to save the time it would take to call for bids for the installation and to have the work done under the supervision of the county engineer, and Deputy Engineer Wright will be in personal charge of the erection of the station.

While the details of the station are too technical for a layman to understand, the work will consist of a concrete well from a point about two feet under low water to a point above extreme high water mark, in which will be installed instruments to automatically record the height of the water, and a cable will be strung across the river on which will be suspended instruments to gauge the flow of the stream. The work of installing the station will start at once and will be completed within 30 days. The estimated cost of the completed station is about \$1,800, of which the greater part is for the instruments to be used. The cost of the station will be paid out of the special river improvement fund.

In addition to providing a permanent record of the river during flood stages, the station can also be used as a warning to the

residents of the lower valley, as the record of the height of the flood here will give the people on the lower river a change to prepare for the crest of the flood in that locality, as an accurate record of the height of the water here will give them the data on which to base the likely height below. In the event of extreme high water, much property can be saved, and possibly lives, by having advance knowledge of the flood stage for which preparation should be made.

The station will be located on the north side of the Skagit a short distance above the Janisch farm, at a point where the river is about the narrowest on this side of Marblemount. All the instruments and buildings will be on this side of the river, and will be so built as to be accessible during high water.